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Beckert's

GARDEN, FLOWER AND LAWN SEEDS FOR 1910

103 FEDERAL STREET

NORTH SIDE, PITTSBURG, PA.

REMARKS TO PURCHASERS

Read Carefully Before Ordering

Name and Address. Write your **Name, Post Office, County** and **State** as distinctly as possible. Some orders reach us which give neither name nor location. In such cases it is impossible for us to fill orders until we again hear from the senders.

Use the Order Sheet. Make out your list of requirements consecutively in the order as given in the Catalogue, placing the quantity wanted before the article, and the price of the same in the column to the right; and always keep a copy of your orders.

Correspondence should not be intermingled with the body of the order, but either written at the bottom of the Order Sheet, or on a separate sheet of paper.

Remittances. The safest method of sending money is by **Post Office Orders;** where they are not obtainable, it can be sent by Express Money Order, Registered Letter, or Draft on New York. For small amounts, postage stamps will be acceptable.

When the Remittance is not sufficient to pay for the quantity of seeds ordered, we will reduce the quantity to correspond with the remittance.

Errors. All possible precautions are taken to avoid their occurrence. Notify us at once if your order is not properly filled and we will promptly make the necessary corrections.

Substitution. As the season advances some stocks of seeds are exhausted, so it is advisable when late orders are sent to name a few substitutes. We make substitution only when requested to do so, sending varieties that will as fully cover the indicated wants as our stock will permit. If not so instructed, the remittance will be refunded.

Send Us Your Order as Early as Possible. It will facilitate the prompt execution of same, and you will have your seed when you are ready to plant.

Packing. No charge for packing or delivery to depots, boats, or express offices. In no case do we prepay Express or Freight charges, unless by special agreement.

Seeds Free by Mail. All Vegetable and Flower Seeds quoted in this Catalogue by the **quarter-pound, ounce** or **packet** are forwarded postpaid at the prices named. Postage must be added for seeds by the **half-pound, pound, pint** or **quart,** as stated under the headings. We reserve the privilege of sending seeds by express, prepaid, if more convenient or expedient to do so.

Seeds by Express. Seeds can now be forwarded at 20 per cent less than merchandise rates; a saving to the buyer of one-fifth over previous rates.

Shipments by Freight. Seeds in bulk, implements, and other heavy goods are shipped by freight, and unless there is a freight agent at point of destination, the freight must be prepaid, the purchaser advancing the same, unless otherwise arranged. Our facilities for shipping to points south of Pittsburgh on the Ohio River and connecting streams are excellent, steamers plying daily between this and southern points.

Catalogues are sent free to all our customers of the **past year.** Should any change their place of residence, we desire to be informed, that we may correct the address in our Catalogue list. Our local customers, who purchase over our counters, will please give their correct address when making their first annual purchase; this will insure their receiving Catalogues the following year by mail. Many of our patrons who desire our Catalogues fail to receive them because their post office address is unknown to us.

☞Correspondenzen und Bestellungen in deutscher Sprache erhalten dieselbe aufmerksamkeit als diejenigen in englischer Sprache.

By the final decision of the U. S. Supreme Court, the City of Allegheny has ceased to exist as a separate municipality and has become a part of Greater Pittsburgh. Our place of business is at the old stand where we have been so many years.

BELL PHONE 9 CEDAR

WM. C. BECKERT
103 Federal St., North Side, Pittsburg, Pa.

Beckert's Superior Vegetable Seeds

FOR HOME AND MARKET-GARDENS

Seeds of Superior Quality and Strong Vitality

Our Vegetable Seed Department embraces nearly all varieties that are desirable or of known value, together with the more important of recent introductions. The list has been carefully selected, and the descriptions given are chiefly derived from our own experience and observation. We have endeavored to make them as accurate and helpful as possible to aid the purchaser in making selections.

HOW SEEDS ARE SENT

ADD POSTAGE at the rate of 8 cents per pint and 15 cents per quart to the Catalogue price for **Peas** and **Beans** when to be sent by mail. For **Sugar Corn,** add 5 cents per pint and 10 cents per quart when to be sent by mail.

FREE DELIVERY to any post-office in the United States at the prices named in this Catalogue of all Vegetable Seeds that are sold by the **PACKET, OUNCE** and **QUARTER POUND.**

BEANS

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills that are 2 to 2½ feet apart and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of beans throughout the season. One quart of seed will sow 100 feet of drill.

Add 8 cents postage for one pint of seed, and 15 cents for one quart when to be sent by mail; 10-cent packets free by mail

GREEN-PODDED BUSH BEANS

GREEN-POD STRINGLESS. Pods entirely stringless, very full and fleshy. They remain crisp and tender until the beans are fully developed in the pod. Early and of the finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

GIANT GREEN-POD STRINGLESS VALENTINE. As early and productive as the Valentine, with pods a third larger, round, full and fleshy. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

LONGFELLOW. Pods straight, round, pale green, 6 inches or more in length. When cooked they retain their light green color, and are unsurpassed in quality and flavor. Productive and early. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., ½pk. 95 cts.

BLACK VALENTINE. Pods long, straight, round and early, of fine quality and a heavy yielder; has so far proven rust-proof. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

IMPROVED RED VALENTINE. Pods round, thick and solid, tender and of fine flavor, Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

BOUNTIFUL. Pods grow to a large size, broad and fleshy, quality very good when young, very productive. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

FULL MEASURE. A new stringless Green-Podded Bush Bean. Pods round and about 5 inches in length. Tender, of excellent quality and very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.35.

HODSON GREEN POD. A strong-growing late variety, enormously productive. Pods long, round and of excellent quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

REFUGEE. Pods round, tender, fleshy and of fine flavor. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

EXTRA-EARLY REFUGEE. Earlier than the Refugee. Pods round, solid, tender and of excellent quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

LONG YELLOW SIX WEEKS. Extra-early; pods long, flat, of good quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

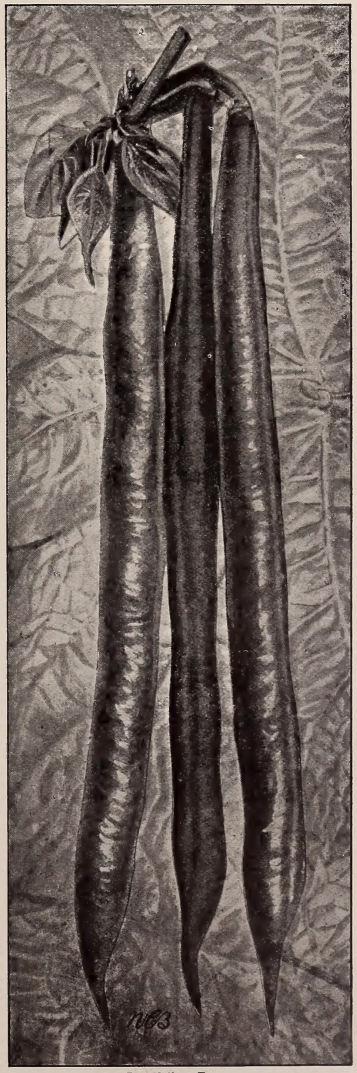
MOHAWK. Early, hardy and productive; pods large and coarse, yet of excellent quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

WHITE MARROWFAT. Grown for a dry bean for winter use. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

WHITE KIDNEY. A favorite for baking; large, kidney-shaped, flattened, white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

DWARF HORTICULTURAL. Furnishes green shelled beans of fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

SNOWFLAKE NAVY. An improvement on the common Navy Bean; earlier and more productive. Pkt. 10 cts., pt. 10 cts , qt. 20 cts., ½pk. 75 cts.



Longfellow Bean

WAX, or YELLOW-PODDED BUSH BEANS

DAVIS KIDNEY WAX. Pods long, between flat and round, clear waxen color; flavor and quality excellent. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

WARDWELL'S WAX. Excellent early variety. Pods creamy yellow, long, broad, flat, brittle and stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

PENCIL-POD WAX. Pods long, round, straight, slender; early, very productive; fine in quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk, $1.15.

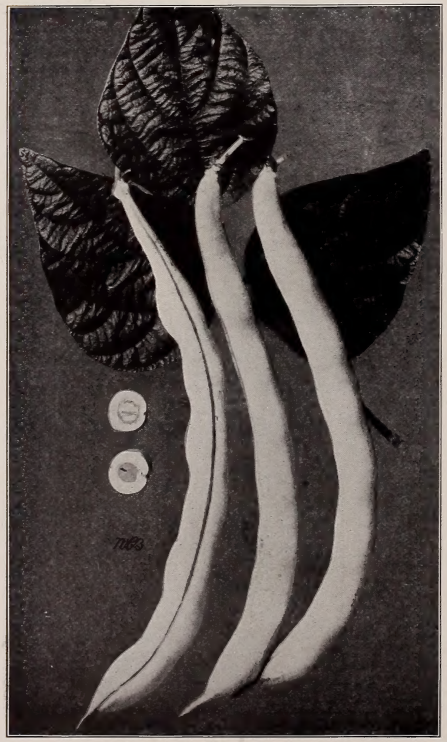
ROUND-POD KIDNEY WAX. Pods long, round, solid and brittle, and of fine quality. Plants vigorous, early and very productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

BURPEE'S WHITE. Pods flat, 5 to 6 inches long, very thick and meaty and entirely stringless. Plants very vigorous and productive. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

BRITTLE WAX. A very early variety. Pods round, long and straight. Entirely stringless and of fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

GOLDEN-EYED WAX. Rapid and vigorous in growth, yielding abundantly; pods flat. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

REFUGEE WAX. Medium long round pods, nearly stringless and of fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

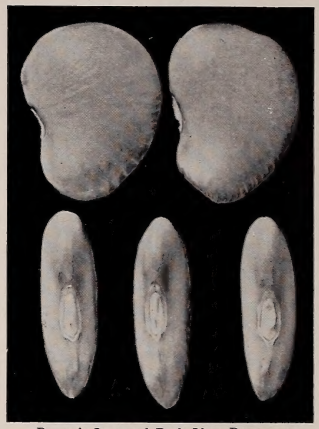


Round-Pod Kidney Wax Beans

GOLDEN CROWN WAX. Medium early variety, pods round, quite long and of excellent quality. Pkt. 10c., pt. 13c., qt. 25c., ½pk. 95c.

PROLIFIC GERMAN. Pods semi-transparent; flesh tender and stringless; excellent. Pkt. 10 cts., pt. 15 cts., qt. 30c., ½pk. $1.15.

PERFECTION WAX. Pods long, flat, tender, of fine flavor and succulent; productive and early. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.



Burpee's Improved Bush Lima Beans

BUSH LIMA BEANS

BURPEE IMPROVED BUSH LIMA. Superior to any of the older forms of Bush Lima. Plant very vigorous and upright, attaining a height of 30 inches and 24 inches across. Pods often borne in clusters of five to eight and of enormous size. Beans are larger than those of any other variety; immensely productive and of the very best quality. Matures earlier than others. Pkt. 10 cts., pt. 25 cts., qt. 50 cts., ½pk. $1.80.

FORDHOOK BUSH LIMA. Both pods and beans much larger than those of any other potato Lima. Habit of plant of strong, erect, bush-like growth. Pods borne in clusters of from four to eight, averaging four beans to the pod. Exceedingly productive and of best quality. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

QUARTER CENTURY. Stalks large, bushy and vigorous, 18 to 20 inches high and as much across; yields heavy crops of large, well-filled pods, containing three to four beans each, which in size and quality are equal to the Pole Lima. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

WONDER BUSH LIMA. Early, large and productive; quality unexcelled. The plants grow dwarf, upright and compact, and are completely covered with large pods, many of which contain four beans. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

WOOD'S BUSH LIMA. The beans are larger than those of the Henderson Bush Lima, as productive and of as good quality, but a little later. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

Pole, or Running Beans

(Stangen Bohnen)

Less hardy than the Bush Beans, and should be planted several weeks later; when the ground is warmer. Plant the seeds in slightly raised hills 3 or 4 feet apart, four or five seeds to a hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators, who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. A quart of Limas will plant about 100 hills; a quart of smaller sorts about 200.

POLE LIMA BEANS

(All Best Grade Hand-Picked)

IDEAL. Pods produced in clusters and of enormous size. An immense cropper and quality of the very best. Not an extra-early, but unsurpassed for a main-crop variety. Pkt. 10 cts., pt. 18 cts , qt. 35 cts., ½pk. $1.30.

EARLY LEVIATHAN. This new variety is not only earlier than any other, but the beans are of the largest size and unsurpassed in quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

POLE LIMA BEANS, continued

KING OF THE GARDEN. The vines set beans early and bear until frost; only two vines allowed to a hill. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

SIEBERT'S EARLY LIMA. Pods and beans quite large, very early and productive, quality the best. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

SHOTWELL. Of the potato Lima class, and superior to Dreer's Lima in earliness, size and quality. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.15.

EDIBLE-PODDED POLE BEANS

KENTUCKY WONDER WAX. Has all the desirable qualities of Kentucky Wonder Green-Pod. Pods transparent yellow, stringless and of delicious quality, very vigorous and immensely productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.45.

DREER'S GOLDEN CLUSTER WAX. Bears long golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

BLACK WAX POLE. Fleshy pods; medium size tender and stringless. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

MONT D'OR POLE WAX. Early and productive wax variety of superior quality, Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

KENTUCKY WONDER, or OLD HOMESTEAD. Pods borne in clusters, deep green in color; round, and often 9 inches in length; tender, crisp and of finest quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

BURGER'S GREEN-POD STRINGLESS. Earlier than Old Homestead and remains longer in bearing. Pods 6 to 8 inches long, borne in clusters; dark green in color; very mealy and stringless. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

LAZY WIFE. Very productive; pods green, 4 to 6 inches long, broad, thick, fleshy and entirely stringless; rich and tender. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

HORTICULTURAL. Bears profusion of large fleshy, pods; one of the best and finest flavored shell beans. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

WHITE CREASEBACK, or BEST OF ALL. Very productive, bearing in clusters; pods silvery green, medium size, best quality. Pkt. 10c., pt. 13c., qt. 25c., ½pk. 95c.

ASPARAGUS, or YARD LONG. Pods round and glossy and attaining a length of 2 feet or more, of good quality. Pkt. 10 cts.

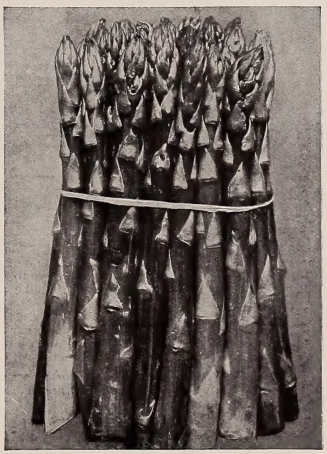
ARTICHOKE (Artischocke)

Sow early in spring and transplant the following spring to permanent beds in rows or hills 3 feet apart.

LARGE GREEN GLOBE. The best sort for general use. Pkt. 10 cts., oz. 35 cts.

ASPARAGUS (Spargel)

A bed once properly made and planted will last for years. Plenty of fertilizer should be well trenched in to a depth of 2 feet or more. The roots should be planted as early in the spring as the ground can be prepared, setting them a foot apart in rows, 2, 2½ or 3 feet apart, with the crowns from 4 to 6 inches below the surface of the bed. Asparagus seed may be sown directly in the permanent bed and the plants thinned as they grow; or it may be sown elsewhere, and the seedlings transplanted the second year. An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected third year from seed.



Asparagus

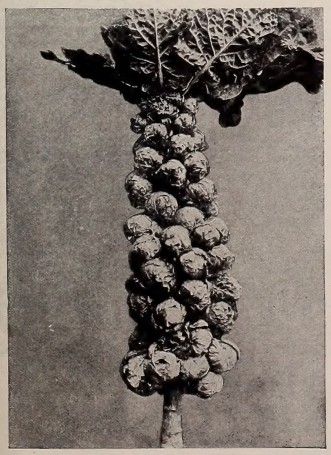
COLOSSAL. Very large, deep green; stalks tender and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

PALMETTO. Early; stalks fine in size and quality, regular in growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

COLUMBIAN MAMMOTH WHITE. Stalks pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GIANT ARGENTEUIL. A French variety of mammoth size. Pkt. 5 cts., oz. 10 cts., ¼oz. 30 cts.

ASPARAGUS ROOTS. By planting Asparagus roots instead of the seeds, much time can be saved in getting the shoots ready for table or market. They can be planted in the fall or spring. We advise spring planting, and as early as the ground is in good condition. **See Vegetable Plants.**



Paris Market Brussels Sprouts

BROCCOLI (Sprossenkohl)

Requires the same treatment as cauliflower. The heads are tender, white and of delicate flavor. An ounce of seed will produce about 2,000 plants.

WHITE CAPE. Creamy white, medium, compact; sure to form; delicate flavor. Pkt. 5 cts., oz. 35 cts.

BRUSSELS SPROUTS (Rosenkohl)

The seed should be sown in April or May, and the plants cultivated like cabbage; the heads are improved by frost. An ounce of seed will produce 2,000 plants.

PARIS MARKET. A semi-dwarf variety, producing large crops of handsome round, solid sprouts. Pkt. 5 cts., oz. 35 cts.

CORN, Sweet or Sugar

(Maiz)

This delicious vegetable may be enjoyed from early summer until frost, if the proper varieties are selected and planted for succession at intervals of every two weeks until the middle of July. If the seed is planted too early, before the ground becomes warm, it is liable to decay. Plant in hills 3 or 4 feet apart each way, five to six kernels to a hill; or in rows 4 to 5 feet apart, scattering the seeds thinly in the rows. The taller-growing the variety, the richer should be the soil and the wider the space allowed for development. One quart will plant 200 hills.

If to be sent by mail, add 10 cents per quart for postage. 10-cent packets of all kinds sent postpaid

EXTRA-EARLY ADAMS. Not a Sugar Corn, but grown for table use because of its earliness. Plant dwarf; ears short. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

FIRST OF ALL (12). Stalks short; ears set quite low, of fair size, and well filled with large, reddish grains. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

WHITE CORY (13). Similar to First of All, excepting that the kernels are white. Pkt. 10 cts., pt. 13 cts., qt. 25 cts. ½pk. 95 cts.

PREMO (11). One of the very earliest; ears of good size for such an early variety; quality good. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

KENDALL'S EARLY GIANT (10). A week later than Cory, and much larger. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

GOLDEN BANTAM. Very early and of finest quality; ears small, grains golden yellow; very productive. Pkt. 10 cts., pt. 15 cts., qt. 20 cts., ½pk. $1.15.

PEEP O'DAY. Extremely early and unsurpassed in sweetness. The stalks bear from two to three ears each, and being of dwarf growth it can be planted closer than most sorts; consequently it is one of the most productive varieties we have. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

HOWLING MOB. Larger than Cory and a few days later. Ears of very attractive appearance and finest quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

EARLY FORDHOOK. Very large for an extra-early Corn. Earlier than Cory. Ears 6 to 7 inches long; quality fine. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

COSMOPOLITAN. A few days later than the preceding. Ears 9 to 10 inches long and of fine quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

PERRY'S HYBRID (4). A large second-early variety. Cobs often red or pink; grains medium size, cooking pure white and tender. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

MOORE'S CONCORD. Comes in after Perry's Hybrid. Quality excellent; ears large and full. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., ½pk. 95 cts.

EARLY CHAMPION (8). Ears size of Concord, but earlier; 10- to 12-rowed. Pkt. 10 cts., pt. 13 cts., qt. 25 cts. ½pk. 95 cts.

MELROSE. Second-early; ears large and quality fine. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

METROPOLITAN. Large for an early Corn; 9 inches long and 10- and 12-rowed. Quality excellent. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

SQUANTUM. Medium early; ears 12-rowed and deep in the grain; sweet and tender. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

WOOD'S CREAM. Not a Sugar Corn, but possesses fine table qualities. When in condition to eat, it is a beautiful creamy color, very sweet and tender and of delicious flavor. Medium early, of large size and very hardy. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.15.

SHAKER'S EARLY (9). Ears large and of fine quality. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

RUSSELL'S PROLIFIC (7). Ears are large, well-shaped and filled, and of best quality. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

COLUMBUS MARKET. A second-early of large-sized grains. Large, deep and very sweet. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

BLACK MEXICAN. Grains deep bluish purple, of delicious quality; medium-early. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk 95c.

EARLY EVERGREEN (6). Similar to Evergreen, but earlier. Quality best. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

EARLY MAMMOTH (3). Two weeks earlier than Late Mammoth; ears as long, but more tapering. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

COUNTRY GENTLEMAN (5). Ears of good size and well filled with deep, white grains of delicious quality. Cobs small. Pkt. 10 cts., pt. 13 cts., qt. 25 cts., ½pk. 95 cts.

STOWELL'S EVERGREEN (2). Grown more than any other sort. Ears large, with deep sugary grains; remains fit for use a long time. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

WHITE EVERGREEN. Possesses to an intensified degree all the qualities of Stowell's Evergreen, and has in addition the valuable characteristic of being pure white. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

LATE MAMMOTH (1). Among the best large-eared sorts. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 75 cts.

PEAS (Erbsen)

The Pea crop of 1909 has been the shortest on record. Choice stock very scarce

All smooth-seeded Peas may be planted as early in the spring as the soil can be prepared for them, being very hardy. Sow for the first crop as early as practicable, and for successions at intervals of about two weeks until June. Late sowings, however, do not yield so well as early ones. Sow in drills about 2 to 3 inches deep, and from 2 to 4 feet apart, according to variety, taller sorts requiring more room than dwarf ones. Dwarf Peas require a very rich soil, while taller ones thrive best in rather thin ground. The latter are frequently sown in double rows, with the brush, or support, of some kind between them. Wrinkled Peas are not so hardy as the smooth sorts, and should not be sown quite so early, but are superior to them in quality, more delicate in flavor, and remain longer in season. One quart of seed will plant about 100 feet of drill.

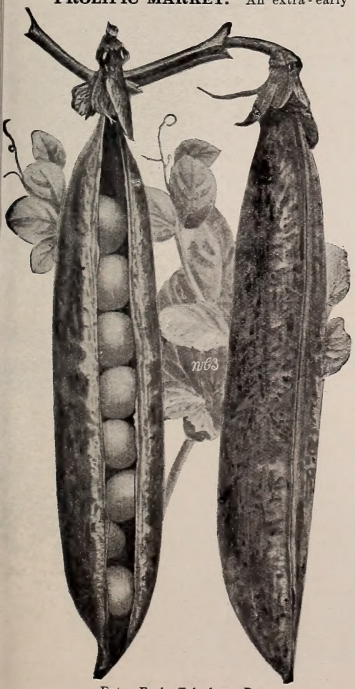
For Peas to be sent by mail, add postage at the rate of 8 cts. per pint, 15 cts. per quart, to prices given. Wrinkled varieties are marked with a star.

ALASKA. 48 days; 2½ feet. Pods small, but well filled with plump, excellent dark green peas. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

SUNOL. 50 days. An improved strain of the First and Best. Pods larger; more productive and uniform in maturing. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., ½pk. $1.15.

SURPRISE. 50 days. 2½ feet. Vines thickly set with round, well-filled pods 2½ to 3 inches long; peas tender and sweet. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

PROLIFIC MARKET. An extra-early variety. Crop uniform and comes in in two pickings. One of the most productive of its class. Quality excellent. Pkt. 10c., pt. 15c., qt. 30c., ½pk. $1.15.



Extra-Early Telephone Peas

Nott's Excelsior Peas

***NOTT'S EXCELSIOR.** 55 days; 1 foot. The finest dwarf Pea in cultivation. Pods closely packed with large peas of fine flavor; vigorous and prolific. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***SUTTON'S EXCELSIOR.** Nearly as early as Nott's Excelsior. More vigorous in vine. Pods larger and well filled with peas of finest quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***WITHAM WONDER.** A very reliable dwarf early Pea. Height 1 foot. Producing its long curved pods very abundantly, which are well filled to the point with from 8 to 10 large peas of fine quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***PREMIUM GEM.** 59 days; 15 inches. Early and superior wrinkled Peas; pods abundant; peas tender, sweet and good. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

EARLY PRIZE. Dwarfer than the preceding. A little earlier, more prolific and of even better quality. Said to be a heavier yielder than any other variety in cultivation. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***EXTRA-EARLY TELEPHONE.** 56 days; 2½ feet. Combines earliness with the size and quality of the best of the later sorts. The pods are of the same size and quality as the Telephone, and are ready to pick one week after the earliest. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

***THOS. LAXTON.** 63 days. Pods large, long and deep green in color; seed wrinkled, sweet and of fine flavor. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk. $1.50.

***DUKE OF YORK.** A variety intermediate between Early Telephone and Late Telephone. Pods large, well-filled with peas of very fine flavor. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

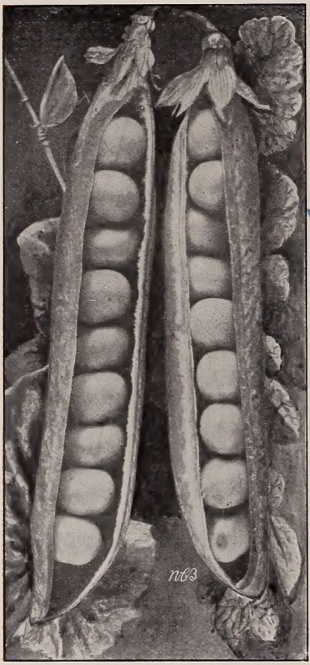
***DUKE OF ALBANY.** 74 days; 3 feet. Pods large and produced in great abundance. Resembles Telephone, but is more dwarf. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***TELEPHONE.** 74 days; 3½ feet. Pods and peas very large and showy, the latter being very sweet and rich; very productive. Pkt. 10 cts., pt. 18 cts., qt. 35c., ½pk. $1.30.

***BOSTON UNRIVALED.** 74 days. An improved strain of the Telephone. More productive and larger pods. Pods 5 inches in length, each containing 7 to 8 very large peas. Quality the finest. Vines grow to a height of 4½ to 5 feet. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***DWARF CHAMPION.** 72 days. Vine 3 feet. Vigorous, hardy and very productive. Pods 4 inches long, straight deep green in color, well filled and of unsurpassed quality as a main cropper. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***HORSFORD'S MARKET-GARDEN.** 70 days; 2 feet. Very productive; best quality. Considered one of the most valuable varieties. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.



Duke of Albany Pea (see page 5)

PEAS, continued

***DWARF TELEPHONE, or DAISY.** 70 days; 1½ feet. Pods large, handsome, well filled, often containing ten peas of the largest size; tender and delicious. Very productive. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., ½pk, $1.50.

TELEGRAPH. 67 days; 3½ feet. Resembles Telephone, excepting that the peas are deeper green and the vines more productive. Pods large and showy. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

PRIDE OF THE MARKET. 80 days; 2½ to 3 feet. Handsome large dark green pods, well filled with large peas of the finest quality. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***EVERBEARING.** Very prolific. 2½ to 3 feet in height, Pods 3 inches long, well filled with large peas of excellent quality; second-early. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

GOLDEN KING. Pods of uniform golden yellow color and fully as large as those of the Telephone, containing 8 to 9 large green wrinkled peas of that superior flavor belonging to the Telephone class. Pkt. 10 cts.

***ALDERMAN.** 3 feet. A choice selection from the Duke of Albany class, but larger in pod, more productive and of equally fine quality; matures about the same time as the Duke of Albany. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***SENATOR.** 3 feet. An immense cropper of medium-late maturity; pods very large, round and well filled; quality unsurpassed. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

***PRINCE EDWARD.** 74 days. Of the Duke of Albany type. Matures about the same time. Said to be more prolific. Pkt. 10 cts., pt. 18 cts., qt. 35 cts., ½pk. $1.30.

WHITE MARROWFAT. Late, but very productive. Quality medium. Pkt. 10 cts., pt. 10 cts., qt. 20 cts., ½pk. 95 cts.

MAMMOTH-PODDED MELTING SUGAR. In this variety the entire pod is cooked, being sweet, tender and stringless, and forming a delicious dish; pods 5 to 6 inches long and 1½ inches wide; plant very tall; crop late. Pkt. 10 cts., pt. 25 cts., qt. 50 cts.

Beckert's Perfection Blood Turnip Beets

THE BEST GARDEN BEETS

(Salatrüben)

The soil best suited for the Beet is a deep, light and rich loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce will sow 50 feet of drill; five or six pounds, an acre.

CROSBY IMPROVED. An improved Egyptian; its roots are thicker, smoother and of better shape. Pkt. 5 cts., oz., 10 cts., ¼lb. 25 cts., lb. 80 cts.

EGYPTIAN. An early sort; can be planted very closely. Medium size and dark crimson color. Pkt. 5 cts. oz. 10 cts., ¼lb. 20 cts., lb. 70 cts.

CRIMSON GLOBE. A very early globe variety; roots very smooth and handsome; flesh and skin deep red; of best quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

EARLY MODEL. Perfectly globe-shaped, very early, deep blood-red in color and of finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

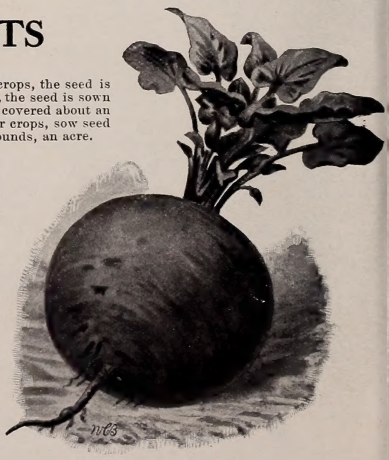
ECLIPSE. Roots globe-shaped, deep red, with sweet, fine-grained flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts.

DETROIT BLOOD TURNIP. Roots globular or ovoid; flesh dark red and tender; foliage small. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts.

BECKERT'S PERFECTION BLOOD TURNIP. Not early, but admirably adapted for main-crop and for winter storage. The Beet is almost a perfect globe shape, with small tap-roots; its tendencies are to grow only to medium size. Flesh dark crimson, and remains tender and brittle after a season's growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

LONG SMOOTH BLOOD. Half-long deep red roots; flesh firm, juicy and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 70 cts.

SWISS CHARD, LUCULLUS. Grown for its tender, succulent tops, which are prepared for the table like spinach or asparagus. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.



Crimson Globe Beet

FIELD BEETS FOR STOCK FEEDING

Grown for stock feeding, they form very wholesome and nutritious food. Of special value for feeding to cows, as they greatly increase the flow of milk. The seed should be dropped about 2 inches apart, in drills 2 feet apart, and the plants thinned so that there will be 12 to 16 inches between them. From five to eight pounds of seed are required to sow an acre.

GIANT LONG RED MANGEL. Heavy cropper. Roots long and thick, with rose and white flesh, and grow partly above ground.

GOLDEN TANKARD. Has large, handsome roots, and grows partly above the ground. Flesh bright yellow.

RED-TOP SUGAR BEET. Combines with heavy yield a good percentage of sugar; white flesh.

CHAMPION YELLOW GLOBE. Large, smooth, yellow globe-shaped roots.

Mangel Beets in quantities of 5 lbs. and over at 30 cts. per lb. Prices of all the above Field Beets, oz. 5 cts., 4 ozs. 15 cts., lb. 35 cts.; postpaid, 43 cts.

Swiss Chard, Lucullus (see page 6)

CABBAGE SEED (Kopfkohl)

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10. Set them 2 to 3 inches apart each way, and as soon as they become well established remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 or 20, when the final transplanting may be made. Plants for this early crop need not stand further apart than 1½ x 2 feet. For late crops sow the seed in April or May, and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2 x 3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. To insure large, solid heads of Cabbage, the soil must be plowed deep and made very rich. The insects which molest them should be kept in check with remedies which seem most efficacious in the locality. Crops of Cabbage should not be grown on the same ground for a number of years on account of tendency to club-root.

Extra-Early Jersey Wakefield Cabbage

EARLY EXPRESS. Very early; small, conical heads. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

EUREKA, or FIRST EARLY. The earliest of the flat-headed varieties, maturing with Early Wakefield; heads very solid and of medium size. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

Early Allhead Cabbage

EXTRA-EARLY JERSEY WAKEFIELD Best early variety. Heads of medium size, pyramidal, pointed, firm and solid, with few outside leaves; uniform in size and time of maturing, and of good quality. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

LARGE JERSEY WAKEFIELD, or CHARLESTON. A selection from the above, and 10 days later, with heads rounded and twice as large. Pkt. 5c., oz. 30c., ¼lb. 90c.

VOLGA. Of Russian origin. Of early maturity, coming in a few days after Early Wakefield. Heads round, uniform and very solid, weighing from 10 to 12 pounds. Very hardy and will thrive in any section where Cabbage can be grown. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25.

EARLY ALLHEAD. The best of the flat-headed early summer Cabbages. Heads roundish flat, very solid and grows uniform in size and form, sure-heading and adaptable to many soils; equally good as a winter Cabbage. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

EARLY SUMMER. Heads large, solid, roundish flat; stand a long while after maturity without bursting. Pkt. 5 cts , oz. 30 cts., ¼lb. 90 cts.

EARLY WINNIGSTADT. Conical heads of fair size. One of the best early Cabbages. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

ALL-SEASON, or SUCCESSION. Almost as early as Early Summer; heads larger and quite thick through; good for early and late crop. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

ENKHUIZEN GLORY. Combining earliness, size and quality, comes in as early as the preceding. Produces large, solid, ball-shaped heads, with few outside leaves. Pkt. 5c., oz. 35c., ¼lb. $1.30.

SUREHEAD. The heads are of Flat Dutch type, uniform in shape and size, solid and heavy. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

THE LUPTON. Slightly earlier than the Flat Dutch, and of more compact growth. Heads large; stalks short; color dark green. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

FOTTLER'S BRUNSWICK. The heads often weigh from 20 to 25 pounds, and are hard and solid. Pkt. 5 cts., oz. 25c., ¼lb. 75c.

SELECT LARGE LATE FLAT DUTCH. An excellent keeping variety; more extensively grown for main crops than any other sort. Heads large, broad, roundish flat, solid and of good quality. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

AUTUMN KING. Late; sure-heading; heads of enormous size, yet regular and uniform. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

CABBAGE SEED, continued

DANISH SHORT STEM ROUND HEAD. An earlier and shorter-stemmed type of the preceding; heads larger and heavier; withstands severe droughts, and produces good results under more adverse conditions than any other variety. Pkt. 5 cts., oz. 35 cts., ¼lb. $1.25.

Half-Long Pointed Carrots

DANISH BALLHEAD, or HOLLANDER. Heads of medium size, round and very solid; matures late, and is a splendid keeper. Pkt. 5 cts., oz. 20 cts., ¼lb. $1.

SHORT STEM DRUMHEAD. Of very uniform and dwarf growth. Heads very solid, with few outer leaves and attaining a weight of 20 to 25 pounds. A very desirable main crop variety. Pkt. 5c., oz. 25c., ¼lb. 75c.

PERFECTION DRUMHEAD SAVOY. Heads large, solid, with finely curled, close, wrinkled leaves of cauliflower flavor; a good-keeping winter Cabbage. Pkt. 5 cts., oz. 25 cts., ¼lb. 75c.

Select Late Flat Dutch Cabbage (see page 7)

EARLY ERFURT SAVOY. Heads elongated, very solid and of a beautiful yellowish green color. Its delicious flavor is almost like that of brussels sprouts. Pkt. 10 cts.

MAMMOTH ROCK RED. A select late strain of red Cabbage, with very large and solid heads. This is the housekeeper's favorite Cabbage for pickling. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

ZENITH RED. Heads very solid, medium early, very dark red in color of best quality. Pkt. 5 cts., oz. 35 cts.

CARROTS (Möhren)

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshaped. Sow the seed as early in the spring as the ground can be prepared, firming the soil down over them. An ounce of seed will sow 100 feet of drill; four pounds will sow an acre.

EARLY FRENCH FORCING. A small globular shaped reddish orange variety. Very desirable for early garden culture or forcing. First quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EARLY SCARLET HORN. For early crops. Roots are about 3 inches long and of very good quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

HALF-LONG POINTED. The roots are intermediate in size between Early Horn and Long Orange; smooth, bright orange; well flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

Half-Long Luc Carrots

HALF-LONG STUMP-ROOTED. Much like the Half-Long Pointed, except that the roots have the stump form. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHANTENAY. Handsome roots, broad-shouldered, smooth and more uniform than the Danvers. Of superior flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

HALF-LONG LUC. A very symmetrical, half-long, stump-rooted variety. Early, very productive, of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

DANVERS HALF-LONG. The roots are smooth, thick and intermediate between Short Horn and Long Orange in form. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

ST. VALERY INTERMEDIATE. Thick-shouldered, intermediate in length between the Half-Long and Long Orange varieties. Flesh rich orange color and of finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

IMPROVED LONG ORANGE. Extensively grown; good and heavy in yield. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

WHITE BELGIAN. A very productive white-fleshed variety for stock feeding. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 60 cts.

CHICORY (Cichorie)

Sow early in spring, in good, mellow soil and drills half an inch deep, and 12 inches apart.

LARGE-ROOTED MAGDEBURG. The leaves when blanched make an excellent salad. Pkt. 5 cts , oz. 10 cts., ¼lb. 35 cts.

CORN SALAD (Lammer Salat)

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. Prepared in the same manner as lettuce and makes an excellent dish. An ounce of seed will sow a bed 20 feet square.

LARGE-SEEDED. Has large, tender leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CAULIFLOWER

(Blumenkohl)

How to Grow Fine Cauliflower. Culture for Cauliflower and cabbage is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads there without any further attention. A deep, loamy soil, with a substratum of moisture during dry weather, is most suitable for the Cauliflower. An ounce of seed will produce about 1,500 plants.

BECKERT'S EARLY SNOWBALL. Produces large, handsome heads measuring 8 to 10 inches across; pure snowy white, close, compact and of the finest quality. The stalks are short, of compact growth, and can be planted closely. It is extra-early, a very certain header, and equally good for a late crop. Unsurpassed by any strain offered. Pkt. 25 cts., ¼oz. $1, oz. $3.50.

BECKERT'S SMALL-LEAVED SNOWBALL. About two weeks earlier than the preceding; a sure header and fine for forcing or outdoor culture. Pkt. 25 cts., ¼oz. $1.25, oz. $4.50.

EXTRA-EARLY ERFURT. The plants may be depended upon to form large, firm, white heads very early. Pkt. 25 cts., ¼oz. 90 cts., oz. $3.50.

DANISH GIANT, or DRY WEATHER. Similar to Snowball in size, quality, etc., but matures about one week later and is a better drought and heat resister. Pkt. 25 cts., ¼oz. 90 cts., oz. $3.50.

Beckert's Early Snowball Cauliflower

Golden Self-Blanching Celery

EXTRA-EARLY PARIS. Large leaves and large, firm, white heads. Pkt. 10 cts., ¼oz. 20 cts., oz. 75 cts.

ALGIERS. Late, sure-heading; the heads are good in color and quality and long-keeping. Pkt. 10 cts., ¼oz. 25 cts., oz. 90 cts.

LENORMAND'S SHORT-STEM. A late variety; good heads, with close, uniform curds. Pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.

VEITCH'S AUTUMN GIANT. White, large, firm heads. Pkt. 5 cts., ¼oz. 15 cts., oz. 50 cts.

CELERY

(Selterie)

Celery can be grown in any garden soil, but finest is produced in deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may either be thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground. For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly, or merely pressed into the earth with a board if the soil is fine and mellow. The seed-bed must be kept free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows, from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. Blanching consists of drawing earth up to the stalks at intervals of about two weeks, until all but the tops of the plants are covered. Celery may be kept for winter use in pits or cellars, or in deep, narrow trenches, in a dry situation; the latter must be covered with boards, with sufficient soil and manure on top to keep out the frost, leaving openings for ventilation in mild weather at short distances. An ounce of seed will produce about 2,000 plants.

GOLDEN SELF-BLANCHING. Stalks beautiful golden yellow. Plants semi-dwarf and vigorous, with large, ribbed and rounded stalks which are quite crisp and tender. Pkt. 10 cts., oz. 40 cts., ¼lb. $1.50.

WHITE PLUME. Easily blanched, and one of the very handsomest sorts grown. In large plants the stalks, hearts and inner leaves become white without any blanching. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.

SNOW-WHITE. Of the White Plume class, but is still more easily blanched, of a purer white, of more vigorous growth. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.

GIANT PASCAL. Stalks broad, thick and about 2 feet high; blanch quickly; rich nutty flavor; tender, crisp and stringless. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

BECKERT'S PERFECTION WINTER. Grows to good size; very brittle, and white in color. For solidity, crispness and fine nutty flavor it is unsurpassed; its most valuable recommendation to growers is its remarkable keeping qualities, as it can be kept easily until spring. Pkt. 5 cts., oz. 35 cts., ¼lb. $1.30.

White Plume Celery (see page 9)

Magnificent Celery

CELERY, continued

MAGNIFICENT. A late Celery of the very finest quality. Very even and uniform in growth, full-hearted, solid, crisp and when bleached, of golden yellow color. Pkt. 10 cts., oz. 50 cts., ¼lb. $1.75.

WINTER QUEEN. Of medium height and strong, robust growth; stalks thick and heavy, with numerous hearts; perfectly solid, rich and delicious nutty flavor; a fine winter keeper. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

PERFECTION HEARTWELL. Hearts large and close-growing; crisp, tender, keeping until quite late. One of the best. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

BOSTON MARKET. Of dwarf, branching habit, solid, crisp and of fine flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

LONDON SOLID RED. A splendid red variety of robust, compact, medium growth, forming very solid hearts which blanch easily; extremely crisp and of fine flavor. Pkt. 10 cts., oz. 40 cts.

Prague Giant Celeriac

CELERIAC, or TURNIP-ROOTED CELERY

(Knollen Sellerie)

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October, and may be preserved in dry sand for use during winter. Celeriac is said to be as fine a nerve tonic as celery, and can be grown in many sections where celery culture is practically impossible. The roots have almost the same flavor as white celery stalks, while they keep much longer than celery. An ounce of seed will produce about 2,000 plants.

PRAGUE GIANT. Roots are very large. When young they are quite tender and marrow-like, having a very fine flavor and cooking quickly. Pkt. 5 cts., oz. 25 cts.

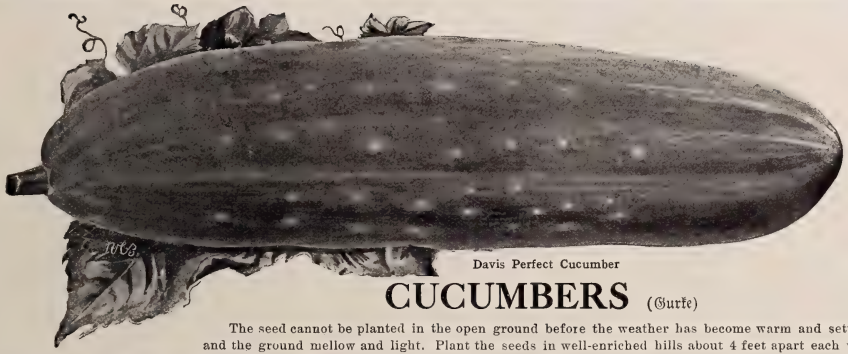
CRESS (Kresse)

The leaves form excellent spicy spring salads, and are also used for garnishing. Pepper Grass should be sown thickly in shallow drills in early spring, and at intervals for continued supply, as it soon runs to seed.

WATER CRESS. Small, oval leaves; very tender, crisp and pleasantly spicy when young. Plants of prostrate habit. A perennial aquatic, which grows well in any running streams. Pkt. 5 cts. oz, 30 cts., ¼lb. $1.

UPLAND. Seed of this species may be sown anywhere in moist places in spring or fall. Leaves broad, crisp, tender and good for salads; plant a perennial. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

EXTRA CURLED, or PEPPER GRASS. Of pleasant, pungent flavor; the leaves can be cut several times. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 50 cts.



Davis Perfect Cucumber

CUCUMBERS (Gurke)

The seed cannot be planted in the open ground before the weather has become warm and settled, and the ground mellow and light. Plant the seeds in well-enriched hills about 4 feet apart each way, and as soon as all danger from insects is over thin the plants to leave four of the strongest in each hill. For succession, sow at intervals of every two weeks until midsummer. Extra-early crops are grown by planting the seed in hotbeds in April, upon pieces of sod turned upside down, and removing them to hills in open ground as soon as the weather is warm enough. For pickles, sow seed from the middle of June until the middle of July. The vines bear longer if the fruits are gathered as soon as they are large enough; their strength is soon exhausted by ripening fruits. An ounce of seed will plant 100 hills; two pounds will plant an acre.

FORCING WHITE SPINE. A selected strain of White Spine. Fruits large, green, medium thick; holds its color well. Pkt. 10 cts., oz. 50 cts.

DAVIS PERFECT. Fruit long and slim, color rich dark glossy green, retaining this color until nearly ripe; flesh tender, crisp and of fine flavor. Very early and a fine forcer. Pkt, 5c., oz. 10c., ¼lb. 35c.

IMPROVED WHITE SPINE. Early and productive. Fruit medium size, good shape, light green, with a few white spines on the surface. Pkt. 5 cts., oz. 10 cts., ¼lb, 30 cts.

ARLINGTON WHITE SPINE. Very prolific and early; fruit large and smooth, much used for forcing, but equally desirable for outdoor culture. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

BENNETT'S WHITE SPINE. A fine strain; retains its glossy green color quite late; fruit long and symmetrical. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EXTRA LONG, or EVERGREEN WHITE SPINE. Smooth, dark green, attaining a length of 10 to 12 inches; regular in form and size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

KLONDIKE. A very early strain of White Spine, with dark green skin which holds its color a long time. Fruit 6 to 7 inches long and produced in profusion. Quality unsurpassed. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

FORDHOOK FAMOUS. Fruits very long, smooth and dark green; very productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

CYCLONE. Early and very productive. Fruits short; color dark green. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

IMPROVED LONG GREEN. The leading long-growing sort, and excellent for pickles. Pkt. 5 cts., oz. 10 cts., ¼lb, 30 cts.

COOL AND CRISP. Fruit long and cylindrical, dark green; early and productive. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JERSEY PICKLING. Wonderfully productive, and the fruits are rich deep green, small and very uniform in size. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CHICAGO, or WESTERFIELD PICKLE. Fruits are deep green, of medium length, pointed at ends. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CUMBERLAND. Very desirable for pickling. Fruit handsome, produced abundantly and of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JAPANESE CLIMBING. Fruits almost straight, large and from 12 to 16 inches long; skin dark green, flesh thick. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

WEST INDIA GHERKIN. Small, rough, prickly fruits, used for pickling. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

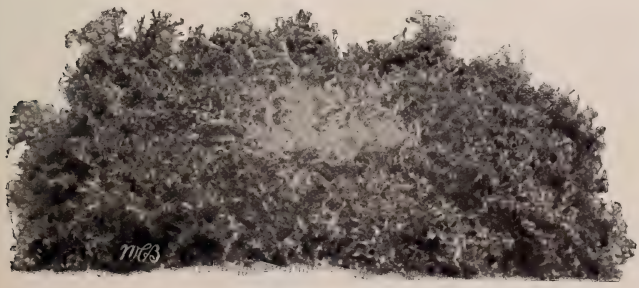
ENGLISH FRAME CUCUMBERS

These varieties are used for forcing. They can be grown in hotbeds or houses where the temperature does not fall below 65° at night. The fruits are long, smooth and handsome, frequently growing from 20 to 30 inches long.

Improved Telegraph. Pkt. 25 cts.

ENDIVE (Endivie)

This is an important fall and winter salad. For early, the seed should be sown in April, in drills, 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows. Sowings for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. An ounce of seed will sow 150 feet of drill.



Large Green Curled Endive

LARGE GREEN CURLED. Dark green leaves, beautifully curled, and when blanched very crisp and tender; ready for use earlier than other sorts. Pkt. 5 cts., oz. 25 cts.

WHITE CURLED. Has tender, curly leaves of silvery green. Pkt. 5 cts., oz. 25 cts.

MOSS CURLED. This variety has very finely curled leaves, Tender and excellent quality. Pkt. 5 cts., oz. 25 cts.

BROAD-LEAVED BATAVIAN. The broad, thick leaves make excellent salads when blanched. Pkt. 5 cts., oz. 25 cts.

DANDELION

(Pardeblum)

An early spring salad. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the rows.

IMPROVED FRENCH. Pkt. 10 cts., oz. 35 cts., ¼lb. $1.25.

EGGPLANT (Eierpflanze)

Sow the seed in hotbeds early in March, transplant to small pots and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled, as cool nights and wet weather will check their growth. Set the plants in rows 3 feet apart each way and give them thorough cultivation, drawing the earth up to the stems when they are about a foot high. Repeated sowings are sometimes necessary, as the seed does not germinate freely without strong and uniform heat. An ounce of seed will produce 1,000 plants.

NEW YORK IMPROVED THORNLESS. The leading variety; strong and productive in habit. The fruits are deep purple, large, smooth, free from thorns; flesh white, tender, of delicate flavor. Pkt. 5 cts., oz. 40c.

BLACK BEAUTY. Fruit broad and thick, lustrous purplish black color; very productive, of excellent quality. Slightly earlier than the preceding. Pkt. 5c., oz. 40c.

New York Improved Thornless Eggplant

Very Early White Vienna Kohlrabi

KALE, or BORECOLE

(Krauskohl)

The leaves are of delicate flavor; quite hardy, and improved rather than injured by frost. Will grow in almost any soil. An ounce of seed will sow about 200 feet of drill.

DWARF GERMAN GREENS (Siberian Kale). Generally sown broadcast, but can be sown in drills a foot apart in August, and the plants treated like spinach; ready for use in fall or early spring. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DWARF CURLED GREEN SCOTCH. Seldom exceeds 18 inches in height, but rounds out to a diameter of 3 feet under good cultivation. The leaves are bright green, tender and elegantly curled. One of the best grown. Pkt. 5 cts., oz. 10c., ¼lb. 25 cts.

TALL CURLED GREEN SCOTCH. Unusually hardy, growing 2 feet or more in height, with recurved, spreading, deep green, curly leaves. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

London Flag Leek (see opposite page)

MOSBACH. In height between the two preceding. Leaves bent upward; light yellow-green in color; very curled; white narrow ribs; very showy. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

Curled Mosbach Kale

KOHLRABI (Kohlrabi)

Very palatable when prepared for the table like turnips. If the weather is favorable the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart for White Giant, and 6 to 8 inches apart for other sorts. They are fit for use when 3 or 4 inches in diameter. For late crops, sow seeds in June or July. An ounce of seed will produce 2,500 plants.

VERY EARLY WHITE VIENNA. The earliest sort. The plants grow rapidly, have small foliage, and mature their fine, round, white bulbs quite early. Pkt. 5 cts., oz. 25 cts.

EARLY PURPLE VIENNA. This variety differs from the above mainly in the color of its roots, which are bluish purple. Pkt. 5 cts., oz. 25 cts.

WHITE GOLIATH. A late, very large-growing sort with immense bulbs, stems and leaves. Pkt. 5 cts., oz. 25 cts.

See last page of Catalogue about using our Evergreen Lawn Seed for a perfect lawn

Black Simpson Lettuce

Beckert's Golden Curled Lettuce

LETTUCE (Garten Salat)

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted when large enough into fine and well-prepared garden soil. Half an ounce of seed will sow 100 feet of drill and produce about 1,500 plants.

STRAWBERRY. Medium size, solid head; outer leaves very dark brown, interior pink, and when dressed and prepared for the table it resembles a dish of crushed strawberries; whilst very attractive on this account, its chief value lies in its delicious flavor. Pkt. 10 cts., oz. 35 cts.

BECKERT'S GOLDEN CURLED. The very best for early spring and summer crops. Grows rapidly, resists heat well, and forms immense, tender heads of nicely curled, light yellow leaves of the best quality. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

BECKERT'S BROWN CURLED, or CHARTIER. Closely resembles the above, except in color. Grown under glass the leaves are a soft greenish white; but grown in the open air they take on a bronze cast, still remaining crisp and tender. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

BLACK-SEEDED SIMPSON. Grows very rapidly, withstanding heat and drought well, and forming large, bushy stalks. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

GRAND RAPIDS. Superb for forcing. Leaves light green, much crimped and frilled. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

HANSON. Large heads; leaves green, light yellow within; sweet and crisp. Pkt. 5 cts., oz. 20 cts., ¼lb. 50c.

BIG BOSTON. The solidity and large size of the heads make this of great value for forcing and general crops. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

ALL SEASONS. This new variety produces very large and solid heads. Leaves light green in color. Beautifully bleached in the wind. Is a sure header and a slow seeder. Quality the best. Pkt. 10 cts., oz. 30 cts.

MAMMOTH BLACK-SEEDED BUTTER. Enormous heads. Adapted for early and late crops. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

MAY KING. A new German variety, fine for forcing and outdoors; heads of medium size, yellowish green in color, very early and a fine variety. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

MAMMOTH SALAMANDER. Immense heads, withstands heat to an unusual degree. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

CALIFORNIA CREAM BUTTER. Heads solid, crisp, tender and of creamy yellow color. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

IMMENSITY, or MAXIMUM. Very large solid heads, outer leaves green, heart yellow-green. Slow to run to seed. Fine quality. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

THE MORSE. Outer leaves light green, inner leaves blanched to a beautiful yellow. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

WHITE STAR. Grows large and rapidly; the leaf is broad, thick and top frilled. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

WONDERFUL, or NEW YORK CABBAGE. Outside leaves deep green; heads hard, white, crisp; of fine flavor. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

EARLY CURLED SIMPSON. Sown broadcast and gathered when quite young. Pkt. 5 cts., oz. 15 cts., ¼lb. 45 cts.

OAK LEAF. An excellent variety; leaves somewhat resemble those of the leek. Pkt. 5 cts., oz. 30 cts.

DEFIANCE. One of the best summer varieties. Heads large and solid. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts.

BOSTON MARKET. A favorite for forcing. Small, compact heads. Pkt. 5 cts., oz. 20 cts.

BROWN DUTCH. Leaves green, tinged brown; heads solid. Pkt. 5 cts., oz. 20 cts.

HARDY GREEN WINTER. Best for standing out in winter. Pkt. 5 cts., oz. 25 cts.

TRIANON COS. Best of the Cos Lettuce. Pkt. 5 cts., oz. 25c.

LEEKS (Lauch)

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. For a winter supply, sow seed in the open ground in early spring, and thin the seedlings until they have room for development, or transplant them as above. Store like celery for winter. An ounce of seed will sow about 100 feet of drill.

LONDON FLAG. The variety most extensively cultivated. Stalks early and large. Pkt. 5 cts., oz. 25 cts.

MUSSELBURGH. Broad, spreading leaves and very large stalks. Pkt. 5 cts., oz. 25 cts.

GIANT CARENTAN. Stalks thick, short, hardy, mild-flavored. Pkt. 5 cts., oz. 25 cts.

ROUEN WINTER. Stalks very large, hardy, late-keeping, and lighter green than in other sorts. Pkt. 5 cts., oz. 25 cts.

MARTYNIA (Gemsenhorn)

The seed-pods are excellent for pickling if gathered when tender and about half-grown. Sow the seed in May, in rows 3 feet apart, and thin the plants to stand 2 feet apart in the rows. Pkt. 5 cts., oz. 20 cts.

Muskmelons

(Muscat Melonen)

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but if the latter must be used, see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. An ounce of seed will plant about 100 hills.

Rocky Ford or Netted Gem Muskmelons

SOLID NET ROCKY FORD. Earliest strain of the Rocky Ford. About 80 per cent of the fruit are solid net, sets a very heavy fruit crop so that within a few days after the first ripe fruit, heavy pickings are ripening. Most valuable sort to plant when the first on the market is of great importance. Flesh light green, spicy and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

ROCKY FORD, or NETTED GEM. Oval-shaped; small and uniform; thick-meated; flesh light green in color, and uniformly fine, luscious flavor; skin ribbed and thickly netted; prolific. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

EMERALD GEM. Early; flesh thick and salmon-colored, granular, sweet and delicious. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

TIP-TOP. Yellow-fleshed, sweet, juicy and of finest flavor. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

EXTRA-EARLY HACKENSACK. Of good size, weighing from five to ten pounds each. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

LONG ISLAND BEAUTY. Fruit large size, flattened, heavily ribbed and netted, early and of excellent quality. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

PROLIFIC NUTMEG. Fruit round, about 7 inches in diameter, flattened at the ends. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

JENNY LIND. Fruit small, flattened in form, heavily ribbed and netted. Very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

CHAMPION MARKET. Of the Netted Gem type, but much larger. Nearly round, well netted. Flesh thick and light green. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

JERSEY BELLE. Flat, heavily ribbed and coarsely netted; flesh green and fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

PRINCESS. Flesh thick; seed cavity small; flesh rich salmon, fine-grained, sugary and melting. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

Southport White Globe Onions (see page 15)

MILLER'S CREAM. Medium-sized, globe-shaped; very sweet. Pkt. 5 cts., oz. 15 cts., ¼lb. 40 cts.

PAUL ROSE. Medium-sized; flesh salmon and very thick, quality unexcelled; very solid; fine shipping melons. Pkt. 5 cts., oz. 10 cts., ¼lb. 35c.

KINSMAN QUEEN. Very early and of large size; nearly round; flesh deep salmon, rich and juicy. Pkt. 5 cts., oz. 10 cts., ¼lb. 35 cts.

Watermelons

(Wassermelonen)

Secure good, strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and, as a protection from insects, use dry ashes or coal dust sprinkled over the leaves. Plant the seeds thickly, and thin the plants to four of the strongest in each hill. An ounce of seed will plant about 50 hills.

EARLY FORDHOOK. Extra-early; large, nearly round, skin tough; flesh red and very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

KLECKLEY SWEETS. Of the very finest quality; large and oblong in size; flesh bright scarlet and free from stringiness. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PEERLESS, or ICE CREAM. Fruit medium size, oval, bright green and finely veined or mottled. Flesh bright scarlet, crisp, tender and very sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WONDERFUL. Fruit large and oblong; flesh rose-colored; very crisp and sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

GRAY MONARCH, or WHITE ICING. Large and of long form; flesh deep red and of very fine quality. Pkt 5c., oz. 10c., ¼lb. 30c.

COLE'S EARLY. Delicate in texture; fruit nearly round and of medium size; rind thin. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

DARK ICING. Sweet and delicious. Fruits of medium size; firm, delicate, with rich, fine flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30c.

SWEETHEART. Firm and heavy, crisp, melting and exceedingly sweet. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SEMINOLE. Ripens its large, delicious fruits very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

DIXIE. Early; productive and of fine shipping quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

FLORIDA FAVORITE. Fruits large and long; skin mottled, flesh deep red, sweet and tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

RED-SEEDED CITRON. Used for preserves, etc. Pkt. 5 cts. oz. 10 cts., ¼lb. 30 cts.

COLORADO PRESERVING. Excellent for making preserves. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MUSHROOM SPAWN

Add 15 cts. per brick when to be sent by mail

PURE CULTURE. Repeated trials have demonstrated that the Pure Culture is far superior to spawn that is imported, and when once used no one would willingly use any other kind. It is somewhat more expensive than the old brand, but results will show that it is the best and consequently the cheapest. Per brick 25 cts., 5 bricks $1, 10 bricks $1.80, 25 bricks $3.75, 50 bricks $7, 100 bricks $12.

Direct Bricks. These are inoculated directly from the laboratory without transfer. Per brick 30 cts, 5 bricks $1.25, 10 bricks $2.30, 25 bricks $5, 50 bricks $8, 100 bricks $15. A brick weighs one and one-third pounds. Pamphlet on "Mushroom Culture" free on application.

MUSTARD (Senf)

The young and tender leaves of the Mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long.

WHITE. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts , lb. 40 cts.

GIANT SOUTHERN CURLED. Pkt, 5 ct., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

ONION SEEDS AND SETS Zwiebel

Good Onion Seed is of the greatest importance

Onions thrive best on a rich, deep, loamy soil. For sets, the seed should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in the drills; they must be well cultivated and kept free from weeds. Five pounds per acre will be required for large Onions; for sets, 60 lbs.

Yellow Globe Danvers Onion

YELLOW GLOBE DANVERS. Bulbs of fine shape and good size, while the yield per acre is enormous, averaging from 600 to 800 bushels on good soil and with good culture. Thin, yellow skin and mild, fine-grained white flesh. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

MICHIGAN GLOBE DANVERS. Bulbs large and uniformly spherical, with very small necks; color rich orange-yellow; enormous yielder and good keeper. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

FLAT YELLOW DANVERS. Grows to good size, ripens early; mild in flavor and keeps well. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

YELLOW DUTCH, or STRASBURG. Bulbs flat, and attain a good size; yellow color, white flesh, mild flavor; it is one of the best keepers. Grown largely for sets. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts.

PRIZETAKER. Bulbs very large, round and handsome; rich yellow skin and mild, sweet pure white flesh, quite free from stiff necks; yields enormously. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

SOUTHPORT YELLOW GLOBE. Similar to White Globe save that it is light straw-colored. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

WHITE PORTUGAL, or SILVER SKIN. Largely grown for sets. Bulbs large, with silvery white skin and sweet, tender white flesh, but are mild-flavored, and excellent for family use and for pickling. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

SOUTHPORT WHITE GLOBE. A large, showy, globular white Onion. The bulbs grow quite rapidly, and if the seed is sown early, good-sized roots, suitable for using in a green state, are soon formed. They are mild-flavored and keep well. Pkt. 5 cts , oz. 30 cts., ¼lb. $1.

MAMMOTH SILVER KING. Bulbs very large, flat, thick; skin thin and silvery white; flesh sweet and tender; early and productive. Pkt. 5 cts., oz. 25 cts., ¼lb. 90 cts.

WHITE BUNCH. Specially adapted for using when young, producing large showy, white Onions of fine quality. Pkt. 5 cts., oz. 30 cts., ¼lb. $1.

WHITE WINTER. Hardy. Sown in the fall and with slight protection withstands the winter. Pkt. 5 cts., oz. 30 cts., ¼lb. 90 cts.

RED WETHERSFIELD. Productive and long keeping. Bulbs deep purplish red, flat, strong-flavored, and grow to a large size. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

SOUTHPORT RED GLOBE. Large red Onion, and one of the best keepers; true globe shape. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Write for special prices on Onion Seed in large quantities

ONION SETS (Prices Variable)

Where the seasons are so short that large Onions cannot readily be grown from seed the first season, these are indispensable. Plant about 4 in. apart in drills 12 in. apart, lightly covered and well cultivated.

If sent by mail, add postage at the rate of 10 cts. per quart

WHITE. For early use. Qt. 20 cts., pk. $1.50, bus. $5.50.

YELLOW DANVERS. Qt. 15 cts., pk. $1.15, bus. $4.50.

OKRA (Safran)

The tender young pods are used for seasoning soups and stews. Sow thickly in rich soil about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. An ounce will plant 100 hills.

WHITE VELVET. Pods long, round, smooth; velvety white surface. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG POD. Productive; pods very long and slender, deep green. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PARSLEY

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart.

DWARF EXTRA CURLED. Dwarf, with finely curled leaves. Quite decorative, as well as savory. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

CHAMPION MOSS CURLED. Leaves bright green, finely cut and beautifully curled. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PLAIN-LEAVED. Best for flavoring; very hardy. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

HAMBURG. A very large-rooted variety; the roots are used for flavoring soups. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

Dwarf Extra Curled Parsley

BOOKS. For useful books pertaining to the vegetable- and flower-garden, greenhouse, farm, orchard, berries, poultry, etc., see page 63 of this Catalogue. All sent postpaid at prices named.

Improved Hollow Crown Parsnips

PARSNIPS (Pastinaken)

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are much improved by frost; to be dug up as required. On the approach of cold weather, cover them heavily with manure or litter. Deep, rich, heavy soil is best suited to the culture of Parsnips, and the roots will be smooth and large if no fresh manure is used; this tends to make them coarse-grained and misshapen. An ounce of seed will sow 100 feet of drill; five pounds will sow an acre.

IMPROVED HOLLOW CROWN. The variety most cultivated. The roots are tender and sweet, and their yield per acre is heavy. Always good and in demand. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GUERNSEY. Roots shorter but thicker than the preceding, in other respects similar. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PEPPERS (Pfeffer)

Sow in hotbeds as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about 2 feet apart in drills 3 feet apart; the pods are used in making all sorts of pickles. An ounce of seed will produce 1,000 plants.

LARGE BELL, or BULL NOSE. Widely grown, standard old variety with very large, thick pods. Pkt. 5 cts., oz. 30 cts.

CHINESE GIANT. Of enormous size, early and very productive; fruit bright scarlet and of thick, blocky form; flesh thick and extremely mild. Pkt. 5 cts., oz. 40 cts.

RUBY KING. Bright red pods, about 5 inches long and 3 or 4 inches thick; mild and pleasant in flavor Pkt. 5 cts., oz. 30 cts.

SWEET MOUNTAIN. Enormous mild-flavored pods, much used for mango-making and mixing with salads. Pkt. 5 cts., oz. 30 cts

NEAPOLITAN. Earlier than any of the preceding varieties. Fruit of medium size and somewhat longer than Ruby King. Pkt. 5 cts., oz. 30 cts.

IMPROVED LONG RED. Pods long, curved and tapering. Two inches thick at the stem end; flavor sweet and mild. Pkt. 5 cts., oz. 30 cts.

Ruby King Pepper

LONG RED CAYENNE. Pods long, slender, bright red, very sharp. Pkt. 5c., oz. 30c.

RED CHILI. Used for making pepper-sauce. Pods small, conical, scarlet; pungent; plants very fruitful. Pkt. 5 cts., oz. 30 cts.

GOLDEN QUEEN. Pods large yellow; similar to Large Bell in shape, but milder-flavored. Pkt. 5 cts., oz. 30 cts.

PUMPKINS (Kürbisse)

Grown principally for stock feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. The vines require the same culture as that recommended for melons, but the seeds must be planted in hills much wider apart; frequently they are planted among corn. A pound of seed will plant from 200 to 300 hills.

Large Bell, or Bull Nose Peppers

LARGE CHEESE. Both the rind and flesh are orange-colored, and the quality is excellent for cooking purposes. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts.

MAMMOTH KING. Enormous golden yellow Pumpkin, grown for stock-feeding. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SWEET POTATO. Medium-sized, pear-shaped; good for pies, etc. Flesh creamy white. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

JAPANESE PIE. Deep green crookneck with darker stripes; matures early; flesh yellow and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MAMMOTH GOLDEN CUSHAW. Skin and flesh orange-yellow, quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WHITE CUSHAW. Creamy white shell; quality fine. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CUSHAW STRIPED. A splendid striped crookneck variety. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

QUAKER PIE. Fruit pear-shaped to oval, skin creamy buff; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN OBLONG. Skin and flesh golden yellow, of good size and finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WINTER LUXURY. Round, golden-yellow netted variety; flesh very rich, a fine keeper. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CALHOUN. Round, flattened at ends; skin brown; flesh salmon-yellow, thick and fine-grained. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CONNECTICUT FIELD. The common field Pumpkin, grown for stock-feeding. Oz. 5 cts., ¼lb. 10 cts., lb. 30 cts.

CRISP RADISHES

(Rettig)

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 or 6 inches apart, and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop. An ounce of seed will sow about 75 feet of drill.

Beckert's Chartier Radish

EARLY, or FORCING RADISHES

ROSY GEM, or RAPID FORCING. Globe-shaped, deep scarlet, blending into pure white at the bottom. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

DEEP SCARLET, or SCARLET BUTTON. Round; dark red; early and fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

NON PLUS ULTRA, or FIRE BALL. Small and globular; deep, rich red color; early and fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

EARLY SCARLET TURNIP FORCING. Deep scarlet; tender, mild and crisp; quick-growing; tops small. Pkt. 5c., oz. 10 cts., ¼lb, 30 cts.

Beckert's Icicle Radish

VICK'S EARLY SCARLET GLOBE. Beautiful scarlet; early, crisp, tender and mild; tops small, Pkt. 5c., oz. 10c., ¼lb. 30c.

CRIMSON GIANT FORCING. Attains more than double the size of the other forcing Radishes without getting pithy or hollow; flesh firm, crisp and of the mildest flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WHITE BOX. Turnip-shaped, pure white Radish; early; fine for forcing and outdoors. Pkt, 5 cts., oz. 10 cts., ¼lb. 30 cts.

WHITE ROCKET, or EARLIEST WHITE. Olive-shaped; earliest of its class; fine forcer. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

RED ROCKET, or STARTLE. Olive-shaped; deep scarlet in color; very small top; extremely early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WHITE-TIPPED ROCKET. An improved French Breakfast. Olive-shaped; deep rose, tipped white; very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

CINCINNATI MARKET. Scarlet; small top; very early and probably the best long red variety for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

WOOD'S EARLY FRAME. Similar to long scarlet, but shorter; much used for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ICICLE. The finest long white variety extant; flesh semi-transparent, crisp, mild; excellent for forcing and early outdoor crop. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PEARL FORCING. Shape half-long and thicker than long-growing varieties. Color waxy white; good for forcing. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

MAIN-CROP RADISHES

BECKERT'S IMPROVED CHARTIER. The finest variety in existence; early as Long Scarlet Short-Top, but better in quality; will stand far longer and is in all respects superior to any other Radish in cultivation. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG WHITE VIENNA. Snow-white; flesh crisp, tender and brittle; of rapid growth. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG SCARLET SHORT-TOP. Long, straight and smooth; color very attractive. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG BRIGHT SCARLET. Vivid scarlet, tipped pure white; rapid grower. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

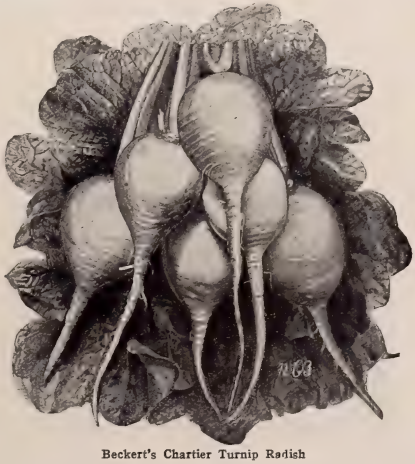
BECKERT'S CHARTIER TURNIP. Local variety of great merit. Pure white, early, remaining tender and solid a long time. Pkt. 5 cts., oz. 10 cts., ¼lb, 25 cts.

GIANT STUTTGART. Very large; globular in shape; pure white; stands heat well. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN GLOBE. Amber color; sweet and crisp; stands heat and drought. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WHITE STRASBURG. Half-long and thick; skin and flesh pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

OLIVE-SHAPED YELLOW. A second-early sort, small and remains tender for a long time. Pkt. 5 cts, oz. 10 cts., ¼lb. 25 cts.



Beckert's Chartier Turnip Radish

WINTER RADISHES

CHINESE ROSE. Half-long; flesh pink, solid, of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CALIFORNIA. Enormous, with good, solid flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG WHITE SPANISH. Skin and flesh white, solid and mild in flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

LONG BLACK SPANISH. Roots black; the flesh is white and slightly pungent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ROUND BLACK SPANISH. Globe-shaped; white-fleshed; piquant flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

CELESTIAL, or WHITE CHINESE. Pure white, firm, tender. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

RHUBARB, or PIE PLANT

(Rhabarber)

Sow the seed early, and when the plants are large enough thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse.

VICTORIA. Late; stalks thick and large; useful especially to prolong the season. Pkt. 5 cts., oz. 20 cts.

RHUBARB ROOTS. 10 cts. each, $1 per doz.

SALSIFY, or OYSTER PLANT

(Bocksbart)

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. An ounce of seed will sow 75 feet of drill.

MAMMOTH SANDWICH ISLAND. Roots large, long, smooth, tender and well-flavored, resembling fair-sized parsnips. This sort needs only to be tried to become exceedingly popular. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

SQUASHES (Spieß-Kürbiß)

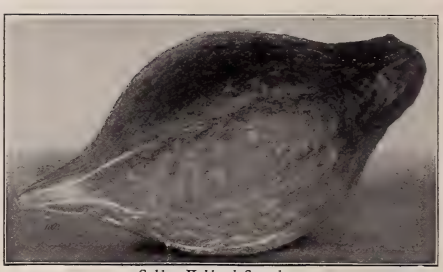
SUMMER AND WINTER

Squash seed should be planted about the same time and in much the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants. An ounce of seed will plant from 20 to 30 hills.

MAMMOTH WHITE BUSH. Fruit large and pure white; flesh excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN CUSTARD BUSH. Large scalloped Squash of rich golden yellow. Quality excellent. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

PROLIFIC MARROW. Fruit deep orange, rounded, thick, having a small seed cavity. A productive, good-keeping Squash. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.



Golden Hubbard Squash

BOSTON MARROW. Well known and popular. Skin and flesh bright orange; of excellent quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25c.

GOLDEN HUBBARD. Skin and flesh deep yellow. Very dry and of excellent flavor. Particularly good for pies on account of its bright color. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

HUBBARD. A standard late Squash. Skin dark green; flesh fine-grained, dry, sweet, late-keeping. Pkt. 5 cts., oz. 10c., ¾lb. 25c.

WARTED HUBBARD. Large; dark green. Shell very hard, covered with warted knobs. Very thick-fleshed, of the finest quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

DELICIOUS. In form and size it somewhat resembles Hubbard. Skin bronzy green, flesh dark orange. Very thick, fine-grained, dry, and sweet and of finest flavor. Pkt. 5 cts., oz. 10 cts., ½lb. 30 cts.

MAMMOTH CHILI. Very large, orange-colored fruits, which keep well all winter. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

ESSEX HYBRID. Round, with flattened ends; large, and keeps sometimes until June. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

GOLDEN BRONZE. Color dark greyish green; size 8 to 10 pounds; flesh golden yellow, sweet and of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PIKE'S PEAK, or SIBLEY. Pale green; flesh solid and very dry. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

IMPROVED CUSHAW. Skin mottled green with white stripes. Very solid with yellow flesh which is fine grained; sweet and excellent for pies. Pkt. 5 cts., oz. 10 cts., ¾lb. 25 cts.

GOLDEN SUMMER CROOKNECK. Early; fruits yellow; flesh fine-grained and rich. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts.

WINTER CROOKNECK. A favorite late-keeping winter Squash, remaining in good condition for months after all other Squashes are done; yellow skin, sweet, fine-grained flesh. Pkt. 5c., oz. 10 cts., ¼lb. 25 cts.

VEGETABLE MARROW. Skin greenish yellow; flesh white. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SEA KALE

Grown for its bleached stems, which are prepared like asparagus. Sow in drills 1 inch deep and 2 feet apart; thin out to 6 inches in the rows; the following spring plant in hills 3 feet apart. Pkt. 10c., oz. 30c.

Victoria Spinach

SPINACH (Spinat)

For early use sow very early in spring, and for succession at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. An ounce of seed will sow 50 feet of drill; 30 pounds to the acre.

LONG-STANDING THICK-LEAVED. Has large, thick, fleshy, crimped leaves of the Savoy style. Tender and of good flavor. Oz. 5c., ¼lb. 15c., lb. 35 cts.

LONG SEASON. Stands longer without going to seed than any other; leaves thick, crumpled, tender and of finest quality. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

VICTORIA. Foliage thick, broad, very dark green; remains in prime condition two or three weeks after other sorts have run to seed. Oz. 5c., ¼lb. 15c., lb. 35c.

NORFOLK SAVOY. Hardy, and well adapted for winter crops. Leaves large and wrinkled, like a Savoy cabbage. Very tender. Oz. 5 cts., ¼lb. 15 cts., lb. 35c.

MUNSTERLAND. Leaves long, narrow and dark green in color. The plant spreads its leaves very much over the ground. Oz. 5 cts., ¼lb. 15 cts., lb. 45 cts.

TRIUMPH. Resembles Victoria. Long standing with broad, thick, dark green leaves. Slightly more curled than Savoy-leaved variety. Oz. 5c., ¼lb. 15c., lb. 45c.

BECKERT'S HARDY WINTER. The plants have long, fibrous tap-roots, which keep them from being uprooted by frost. Sow in fall, so that the plants may form good leaves before cold weather. Oz. 5 cts., ¼lb. 15 cts., lb. 35 cts.

NEW ZEALAND. Grows well during hot summer weather, and is of good flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts., lb. $1.

TOMATOES (Liebesäpfel)

For early use, sow in February or March in hotbeds or in boxes or pots set in the warm window. When the seedlings are about 2 inches high transplant them to pots, or in rows 4 or 5 inches apart, keeping the temperature at about 60°. Subsequent transplanting will make them branching and stocky, but do not set them in the open ground until all danger from frost is past; then plant them in a warm, sunny place, and water them freely until they are well established. Some support which will keep the fruit above the ground and free from dirt should be given all plants. An ounce of seed will produce about 1,000 plants.

June Pink Tomatoes

DWARF CHAMPION. Plants compact, stocky and upright; fruit ripens very early and the plants yield enormously. The fruit is always smooth and handsome, ripening close to the core, and never cracking; in shape and color it resembles Acme. Pkt. 5 cts., oz. 30c.

DWARF STONE. Fruit red, large, early; smooth and very prolific; plant similar to Dwarf Champion; a real acquisition. Pkt. 5 cts., oz. 25 cts.

JUNE PINK. Has proven itself a leader among very desirable early varieties. As early as Earliana, but pink in color, more perfect fruit and extremely productive, and not subject to blight. Pkt. 5 cts., oz. 30 cts.

BURPEE'S EARLIEST PINK. Also very early and productive. Highly recommended by the introducer. Pkt. 5 cts., oz. 30 cts.

SPARK'S EARLIANA. Very early; medium size, handsome shape and beautiful red color, solid and of fine quality. Pkt. 5 cts., oz. 25 cts.

BONNIE BEST. Nearly as early as Earliana; color intense scarlet and ripening even up to the stems, round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crop. Pkt. 5 cts., oz. 50 cts.

LIVINGSTON'S GLOBE. Fruit globe-shaped, very early, large-sized, smooth and firm fleshed; very productive; in color, glossy rose, tinged with purple; quality excellent. Pkt. 10c., oz. 30c.

BEAUTY. Fruit glossy crimson, large, smooth, solid, never cracking, and holding its size well. Pkt. 5 cts., oz. 25 cts.

THE STONE. Large, smooth fruits of bright scarlet, solid and meaty. Pkt. 5 cts., oz. 25 cts.

CORELESS. Another globe-shaped variety, being nearly round, of large size, very productive and free from hard green core. Color bright, rich red and of best quality. Pkt. 10 cts., oz. 35 cts.

HUMMER. Fine globe-shaped, like Livingston's Globe. Bright scarlet in color; of good size. Quite early and fine quality. Pkt. 5 cts., oz. 35 cts.

SUCCESS. One of the best late sorts for market gardeners and canners. Fruit larger than Stone, retains its size right up to the close of the season. Color bright scarlet. Ripens a little later than Stone. Pkt. 5 cts., oz. 35 cts.

BUCKEYE STATE. Large, flat and broad. Fruits bright red, very smooth and solid. Pkt. 5 cts., oz. 30 cts.

MATCHLESS. Fruit large, rich cardinal-red; skin tough; flesh very solid. Pkt. 5 cts., oz. 25 cts.

CHALK'S JEWEL. Fruit bright red, large, smooth and solid; medium early. Pkt. 5 cts., oz. 25 cts.

TRUCKER'S FAVORITE. Fruit deep purple, large and deep through; very smooth and regular. Pkt. 5 cts., oz. 25 cts.

FORDHOOK FIRST. Fruit deep purple, large, smooth and free from cracks. Pkt. 5 cts., oz. 25 cts.

IMPERIAL. Large, purple, smooth and early. Pkt. 5c., oz. 25c.

PONDEROSA. Enormous and of fine quality, but not always smooth, and does not ripen evenly. Pkt. 10 cts., oz. 50 cts.

CRIMSON CUSHION. Scarlet-crimson; flesh firm, meaty, of fine quality. Pkt. 10 cts., oz. 40 cts.

ATLANTIC PRIZE. Early; large size; bright red color. Pkt. 5 cts., oz. 25 cts.

ACME. Fruit crimson, large, smooth, solid, never cracking. Pkt. 5 cts., oz. 25 cts.

ENORMOUS. Four to 5 inches in diameter; round and thick through, bright red; fine quality. Pkt. 5 cts., oz. 30 cts.

LORILLARD. A good variety for forcing, as well as for outdoor culture. Fruit bright red, smooth and early. Pkt. 5 cts., oz. 35c.

DWARF ARISTOCRAT. Fruit scarlet; in all other respects similar to Dwarf Champion. Pkt. 5 cts., oz. 25 cts.

DWARF GOLDEN CHAMPION. Similar to the Dwarf Champion, except in color of the fruit. Pkt. 5 cts., oz. 25 cts.

GOLDEN QUEEN. Pkt. 5 cts., oz. 25 cts.

SMALL-FRUITED VARIETIES

Used principally for preserving. All 5 cts. per pkt., oz. 30 cts.

YELLOW PLUM.
YELLOW PEAR.
RED PEAR.
YELLOW CHERRY.
RED CHERRY.
RED PLUM.
RED CURRANT.
YELLOW PEACH.
GOLDEN HUSK.
PURPLE HUSK.

Livingston's Globe Tomato

TURNIPS (Rüben)

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of a fortnight until the last week in July, and from that time onward until the last of August sow for main crop. The sowing should always be made just before a rain, if possible, as the success of the crop depends, in a great measure, upon quick germination and rapid growth of the young plants. An ounce of seed will sow 150 feet of drill; two pounds will sow an acre.

WHITE-FLESHED SORTS

EARLY WHITE MILAN. Very early; pure white, and of fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

SNOWBALL. Small and round; very early. Pkt. 5 cts., oz. 10 cts., ¼lb. 30 cts.

PURPLE-TOP STRAP-LEAF. Grown largely for fall and winter crops. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

LARGE EARLY RED-TOP GLOBE. Remarkable for its heavy yield per acre. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

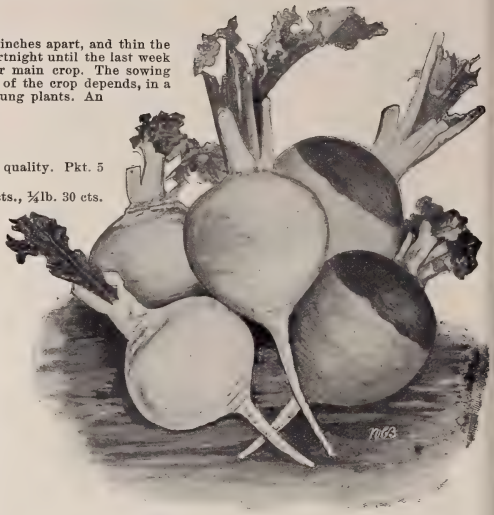
LARGE WHITE GLOBE. Like preceding, but skin pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Snowball Turnip

WHITE EGG. Oval-shaped; flesh and skin pure white. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

GOLDEN BALL. Yellow-fleshed, sweet and of fine flavor. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50c.

YELLOW STONE. Good for table or stock-feeding; yellow-fleshed. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.



White and Red-Top Globe

COW-HORN. White, fine-grained, sweet flesh. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

YELLOW ABERDEEN. Round, yellow-fleshed and firm. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

RUTABAGAS, or SWEDES

These are grown chiefly for stock, but are excellent for cooking in spring.

IMPROVED AMERICAN. Large, firm, yellow roots; are hardy and well-flavored. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

SWEET GERMAN. Large, white; fine quality. Pkt. 5 cts., oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Plant some of our large transplanted Asparagus Plants for quick results

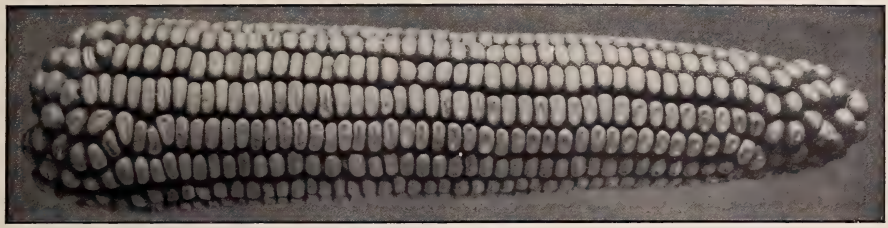
SWEET AND MEDICINAL HERBS

Used for various culinary and medicinal purposes. Sow seeds of the perennials marked thus (*) carefully in hotbeds early in the spring, and at the proper time transplant in permanent beds, in rows about 18 inches apart, setting the plants a foot apart in the row. In the winter they should be slightly protected with manure. The others are annuals, coming to perfection the first year, after which they die. Sow them in the open air early in the spring, in drills 12 to 15 inches apart, and thin out.

All varieties, 5 cts. per packet, except where noted

Anise. For flavoring and in medicine.
Angelica. Has medicinal virtues.
Asperula odorata. Fragrant leaves.
Balm. Made into Balm tea for fevers.
Bene. Leaves form a mucilaginous drink.
Borage. A pot herb and for bees.
Basil, Sweet. For soups and stews.
Burnet. For salads and soups.
Caraway. Seeds are used in cakes, etc.
Chervil, Curled. For soups and salads.
Chamomile. Used for tea.
Chives.* For garnishing.
Coriander. Seeds used in confectionery.
Cumin. For seasoning.
Dill. Used for pickling.
Elecampane. Has tonic properties.
Fennel.* Used for pickling and sauces.
Henbane. Has medicinal qualities.
Hop Seed.
Horehound.* Valuable for medicine.
Hyssop. Used in asthma and catarrh.
Lavender. Used in perfume.
Lovage. Medicinal.
Mint, curled. For flavoring. Pkt. 25 cts.
Marjoram, Sweet. Used for seasoning.
Marjoram, Pot. Used for seasoning.
Pennyroyal.* The true Pennyroyal.
Rosemary.* Aromatic and ornamental.
Rue.* Used for medicinal purposes.
Saffron. Used for coloring soups, etc.
Sage.* Used principally for flavoring.
Savory, Summer. Used for flavoring.
Savory, Winter. Used for flavoring.
Thyme. For sauces and dressings.
Thyme, Winter. Used for flavoring.
Wormwood. Medicinal.

LAWN GRASS SEED. If you desire a perfect lawn, use our EVERGREEN LAWN SEED. See inside of back cover for same and for directions how to make a lawn.



Early Mammoth Yellow Dent Corn

VEGETABLE PLANTS AND ROOTS

Those desiring large quantities should write for special prices

ASPARAGUS ROOTS. Strong transplanted three-year-old plants for forcing and for outdoors, when earliest possible results are desired. These roots are so strong and vigorous that they will produce Asparagus for the table one season after planting. 50 cts. per doz., $2.50 per 100, $10 for 500, $18 per 1,000.

Selected Two-Year-Old Roots. 20 cts. per doz., $1.25 per 100, $8 per 1,000.

Two-Year-Old Good Stock. 75 cts. per 100, $6 per 1,000.

RHUBARB ROOTS. 10 cts. each, by mail 20 cts.; $1 per doz.

HORSE-RADISH ROOTS, Maliner Kren. A new variety from Bohemia. Far superior to the old variety. Will produce roots for grating five months from planting. White as snow, free from disease and grows to enormous size when left in the ground until spring. 15c. per doz., by mail 30c.; 75c. per 100, $6.50 per 1,000.

CHIVES. Per clump 10 cts., by mail 20 cts.; $1 per doz.

THE FOLLOWING PLANTS ALL IN THEIR SEASON: Beets, Brussels Sprouts, Cabbage, Cauliflower, Celery, Celeriac, Eggplant, Endive, Kohlrabi, Leek, Lettuce, Pepper, Tomato. Ask for prices.

MISCELLANEOUS SEEDS

PRICES VARIABLE. To prices of seeds quoted by the pound, add 8 cents if they are to be sent by mail

FIELD CORN

Pedigree Seed Corn. Send for samples.

Improved Leaming. Long considered one of the best Yellow Dent varieties for grain and fodder. Medium early and sure to ripen anywhere south of central New York. Deep, bright yellow kernels. Cobs small, stalks grow to medium height and often produce two large ears. Pk. 45 cts., bus. $1.50, 2 bus., with cotton sack, $3.

White Cap Yellow Dent. Has never failed to ripen. Ears large with deep kernels. Yellow in color with a white tip to each kernel. Will produce good crops on poorer soil than other varieties. Pk. 45 cts., bus. $1.50; 2 bus., with cotton sack, $3.

Early Mammoth Yellow Dent. Truly an early variety for ear of its size. Matures from 100 to 115 days. Grain deep golden yellow. Ears very large. Stalk short and heavily set with broad blades. A very heavy yielder and ripened thoroughly in our section the past season. Pk. 45 cts., bus. $1 50; 2 bus., with cotton sack, $3.

Golden Surprise. This variety will mature as far North as any Dent Corn grown; ears 8 to 10 inches in length, with deep yellow grains. Pk. 45 cts., bus. $1.50; 2 bus., with cotton sack, $3.

BUCKWHEAT, Japanese. Bus. $1.40.

Silver Hull. Bus. $1.40.

BEANS, Early Soja. Market price.

CORN, Red Cob Ensilage. Market price.

POP CORN, White, Rice, Golden Queen. Pkt. 10 cts., qt. 20 cts.; by mail, 35 cts.

FLAX SEED. Lb. 10 cts., 3 lbs. 25 cts.

MILLET, Southern German, or **Golden.** Market price.

Japanese. Market price.

OSAGE ORANGE. Lb. 30 cts.

PEAS, Canada Field. Bus. $1.90.

RYE. Pk. 40 cts., bus. $1.40.

RAPE, Dwarf Essex. Lb. 10 cts., 10 lbs. 90 cts., 100 lbs. $8.

COW-PEAS. Various sorts. Market price.

SORGHUM, Early Amber. Lb. 10 cts., 100 lbs. $3.75.

BROOM CORN, Evergreen. Lb. 15 cts., 100 lbs. $5.25.

KAFFIR CORN, White. Lb. 10 cts., 100 lbs. $3.50.

SUNFLOWER, Russian. Lb. 10 cts., 100 lbs. $7.

VETCHES, Winter. The best for both spring and fall sowing. Pk. $1.35, bus. $5.50.

POULTRY SUPPLIES

Prepared Poultry Food. For all kinds of fowls. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2.75.

Chickseat. A perfect food for young chickens; gives them just the right amount of nitrogenous material to develop framework, muscles, flesh, bones and feathers. 3-lb. package, 25 cts., 7-lb. package 50 cts.

Green Granulated Bone. Lb. 5 cts., 10 lbs. 45 cts., 25 lbs. 80 cts., 50 lbs. $1.45, 100 lbs. $2.75.

Rust's Egg-Producer. 1-lb. box 25 cts., by mail 44 cts.; 2½-lb. box 50 cts., by mail 94 cts., 6-lb. box $1, 10 lbs. $1.50, 25 lbs. $3.50.

Rust's Condition Powder. 13-oz. box 25 cts., by mail 40 cts.; 2-lb. box 50 cts., by mail 85 cts.; 5 lbs. $1, 8 lbs. $1.50, 20 lbs. $3.50.

Roup Pills. 25 cts. per 4-oz. pkg.

Rust's Liquid Lice-Killer. Qt. 35 cts., ½gal. 60 cts., gal. $1.

Crushed Flint Grit. 25 lbs. 20 cts., 50 lbs. 35 cts., 100 lbs. 60 cts.

Crushed Oyster Shells. 5 lbs. 10 cts., 25 lbs. 35 cts., 50 lbs. 50 cts., 100 lbs. 90 cts.

Meat-Meal. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 80 cts., 50 lbs. $1.45, 100 lbs. $2.75.

Lice-Killing Powder. 5-oz. pkg. 10 cts., 1-lb. pkg. 25 cts.

Persian Insect Powder. Lb. 40 cts.

Standard Scratch Food. 50-lb. bag $1.35, 100-lb. bag $2.50.

Mash Feed and Alfalfa Meal. Each 50-lb. bag $1.25, 100-lb. bag $2.25.

Standard Short Cut Clover. 50-lb bag $1, 100-lb. bag $1.75.

SEEDS FOR PIGEONS AND OTHER BIRDS

Buckwheat. Qt. 10c., pk. 40c., bus. $1.40.

Canada Peas. Qt. 10c., pk. 50c., bus. $1.90.

Canary Sicily. Lb. 10 cts., 3 lbs. 25 cts., 100 lbs. $6.

Hemp. Lb. 10c., 3 lbs. 20c., 100 lbs. $6.

Kaffir Corn. Lb. 10 cts., 25 lbs. $1, 100 lbs. $3.50.

Lettuce Seed. Lb. 25 cts.

Maw, Blue Poppy. Lb. 30 cts.

Millet, German. Qt. 10 cts., pk. 50 cts.

Rape, German. Lb. 10 cts , 3 lbs. 25 cts., 100 lbs. $8.

Sunflower. Lb. 10 cts., 3 lbs. 25 cts., 100 lbs. $7.

Vetches, Spring. Qt. 15 cts., pk. 95 cts., bus. $3.50.

NORTHERN-GROWN SEED POTATOES

(Kartoffeln) **Prices subject to change**

Our Potatoes are all choice northern-grown stock, grown especially from seed. We send out no Potatoes in spring before danger of frost is past.

All varieties sent free by mail at 20 cts. per pound, except where otherwise noted. Prices here quoted are based on present value, and are subject to variation without notice. Barrels contain 175 lbs. or 3 measured bushels.

Early Ohio Potatoes

The Bovee. Early as any Potato yet introduced. In competitive trials with other early sorts it has out-yielded them all. Vine dwarf and stocky; tubers grow very close together in the hills. Pk. 45 cts., bus. $1.70, bbl. $5.

Early Ohio. Leading early variety; tubers rough in the skin; nearly round, and quite distinct in appearance; cooks dry and mealy. Pk. 45 cts , bus. $1.70, bbl. $5.

Early Six Weeks. Of the Ohio class; good for early crop, being extra-early and of good quality while still young. Pk. 50 cts., bus. $1.80, bbl. $5.25.

Early Puritan. Skin and flesh white; cooks dry and floury; very productive. Pk. 50 cts., bus. $1.80, bbl. $5.25.

Eureka. Extra-early variety, tubers round, skin smooth and white; good quality. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Irish Cobbler. Good all-round extra-early variety; uniform, productive and fine quality. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Hustler. An extra-early, white-skinned variety, fully two weeks earlier than the rose-colored sorts; yields more large Potatoes, ripening more uniformly than most extra-early kinds, excellent cooker. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Early Montrose. This seedling has produced heavy crops of large, smooth, oval oblong Potatoes. Same color as the Early Rose and just as good in quality. Ripens with Early Rose. Pk. 50 cts., bus. $1.80, bbl. $5.25.

Rochester Rose. An improvement on Early Rose. Larger in size, fully as early and a heavy yielder. Pk. 50 cts., bus. $1.80, bbl. $5.25.

Thoroughbred. New. Medium early, long, pink; heavy yielder and of fine quality. Pk. 45 cts., bus. $1.70, bbl. $5.

Uncle Sam. Mid-season variety; tubers roundish flattened, smooth, white; heavy yielder, good keeper and of excellent quality. Pk. 45 cts., bus. $1.75, bbl. $5.

Enquirer. This new medium early variety produces heavy crops of light pink Potatoes, like Early Rose, but larger and thicker through. Good keeper, excellent quality. Pk. 60c., bus. $2.10, bbl. $6.

Manistee Improved. Mid-season, oval, oblong. Outyielded all other pink varieties the past three years. Plants healthy and free from disease. Quality fine. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Longfellow. Medium late, very large, long, somewhat flat oval, eyes shallow, smooth skin, flesh white. Good to boil and fry. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Country Gentleman. Resembles Beauty of Hebron, but ripens later and yields better crops. Quality fine. Pk. 45 cts., bus. $1.70, bbl. $5.

Late Puritan. Like Early Puritan in color, quality and general appearance, but larger and far more productive. Pk. 45 cts., bus. $1.70, bbl. $5.

Restaurant. A heavy yielder, for the main crop hard to surpass. If you wish to raise a heavy crop of large, handsome Potatoes, this is a good one to plant. Pk. 45 cts., bus. $1.70, bbl. $5.

Sir Walter Raleigh. New, large, smooth, oblong, white; heavy yielder for main crops. Pk. 45 cts., bus. $1.60, bbl. $4.70.

Twentieth Century. New, late, round, white, very productive, smooth and handsome. Of fine quality. Has never been known to blight. Pk. 55 cts., bus. $1.90, bbl. $5.50.

Vermont Gold Coin. A fine main crop variety; immensely productive; always cooks dry, and of finest quality; tubers slightly oblong, with small eyes. Pk. 45 cts., bus. $1.60, bbl. $4.70.

Pat Murphy's Choice. Long, late, smooth and handsome. Its strong eyes are nearly even with the surface. Produces big crops of excellent quality. Pk. 50 cts., bus. $1.80, bbl. $5.25.

World Wonder. Very productive, large round to oblong. Shallow eyes, smooth skin and fine grained. Ripens with Carmen. Pk. 55 cts., bus. $1.90, bbl. $5.50.

SWEET POTATOES

Nansemond, or **Yellow Jersey**. The leading variety. Owing to their perishable nature, we cannot keep them in stock, but supply orders booked in advance. Pk. 50 cts., bus. $1.60.

The Bovee Potatoes

LAWN GRASS SEED. If you desire a perfect lawn, use our Evergreen Lawn Seed. FOR SHADY PLACES, sow our Shady Nook Lawn Seed. Both kinds, if sown early in the spring, will produce a good lawn by midsummer. See inside of back cover for same and for directions how to make a lawn.

A List of Select Flower Seeds

NEWLY REVISED, WITH ADDITIONS OF THE BEST OF THE NOVELTIES OF THE PAST TWO SEASONS

In the following pages are offered a **carefully chosen** list of **Flower Seeds,** in which no want of the flower-garden has been neglected, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

OUR FLOWER-SEED PACKETS are large and beautifully lithographed in colors, with addition of printed directions for culture. They contain liberal portions of fresh seeds whose germinating power has been carefully tested.

IN ORDERING PLEASE USE THE ORDER SHEET that is enclosed in catalogue; by so doing, the filling of orders is speeded, and the chance of errors lessened.

The complete index will contribute to an easy and rapid selection of seeds wanted.

HARDY ANNUALS. Of these some varieties may be sown outdoors during July and August, or in boxes and coldframes during September, either of these methods rendering possible earlier effects than from spring-sown seed. The latter may be sown outdoors in April and May according to season and condition of soil, or may be sown in a hotbed; the combining of any two methods being advisable, thereby avoiding a possible failure of one sowing, and providing plants for succession if both sowings prosper. Ground under all conditions should be rather light, well manured and thoroughly dug up. When nicely raked and leveled the coarser seeds sown are to be covered to once or twice their thickness, whilst very fine seeds are to be merely **pressed into** the soil. All sowings should be firmed with a board or the hand, as this hastens the sprouting of the seeds as well as promoting the regularity of same. With any method, careful attention is required, as soon as seeds are sprouted; that seedlings receive sufficient water, air, etc., according to conditions under which grown.

Half-hardy Annuals, Half-hardy Biennials, Half-hardy Perennials, for early results may be sown in hotbeds or boxes in March to May, and outdoors after the middle of May as directed for Hardy Annuals. The Biennials and Perennials must be sown early, to secure bloom the first year.

Tender Annuals can be sown in hotbeds or boxes in warm situations during March, with the desire to secure strong sturdy plants by May 15 or when danger of frosts has passed. At this latter date they may also be sown outdoors in permanent quarters or be transplanted as most convenient.

Hardy Biennials and **Perennials,** which if sown early, bloom the first year, require the same treatment as Hardy Annuals.

PLEASE NOTE.—That following letters are generally used to designate the class to which a species or variety belongs.

A, designates the Annuals. B, designates the Biennials.
P, designates the Perennials.

B° / P° designates the Biennials and Perennials that flower the first year if sown early.

T / H / HH prefixed to either of above indicates that the species or variety is Tender, Hardy or Half-hardy.

Any species or variety to which no letter or letters is affixed is to be considered a Hardy Annual.

ABRONIA (Sand Verbena) HHA

Very neat succulent trailing plant, suitable for rockery or for sunny dry position. Also pretty for baskets.

Arenaria. Sweet-scented yellow, verbena-like flowers. Pkt. 5 cts.

Umbellata grandiflora. Rosy purple. Pkt. 5 cts.

ABUTILON (Flowering Maple) TP°

These are valuable house plants as well as suitable for the garden. If sown early they will bloom the first season, and plants may be lifted in fall and will flower throughout the winter.

Hybridum. These varieties have drooping bell-shaped flowers of various colors, white, orange, pink, etc. Pkt. 15 cts.

Hybridum maximum. A new race that not only produce extremely large flowers—3 to 4 inches across—in remarkable quantity, but these flowers are upright in position, not pendent as in the old varieties. Colors range from cream to golden-yellow, white to rose and many intermediate tints. Pkt. 25 cts.

Ageratum, Blue Perfection

ACACIA (Greenhouse Shrub)

Very handsome ornamental foliage and showy racemes of flowers.

Dealbata. Large silvery fern-like leaves, sweet-scented flowers. Pkt. 10 cts.

Grandis. Easily grown and blooms when 18 inches high. Large deep yellow flowers. Pkt. 25 cts.

Nemu. Beautiful, free-flowering. From Japan. Carmine-rose flowers. Nice for pots. Pkt. 15 cts.

Podalyriaefolia. Early flowering species, foliage silvery, flowers yellow. Pkt. 25 cts.

ACANTHUS HP

Ornamental foliage plants for the lawn or border, glossy dark green deeply lobed foliage, supposed models for architectural decoration. Succeed in any soil and situation, though largest growth is attained in partial shade. Flower spikes 3 to 5 feet.

Latifolius. Very large heavy foliage. Pkt. 10 cts.

Mollis. Heart-shaped foliage. Pkt. 10c.

ACONITUM (Monk's-Hood, or Wolf's Bane) HP

These are hardy herbaceous perennials related to the Larkspurs. They are poisonous if eaten. If sown early they will usually flower the first year, but flowers are at their best the second year.

Napellus. Dark blue. Pkt. 5 cts.

Pyrenaicum. Distinct pale yellow. Pkt. 10 cts.

Volubile latisectum. A graceful climber from China, large trusses of dark blue flowers produced throughout the autumn months. Pkt. 25 cts.

ACHILLEA (Yarrow) HP°. The double pure white-flowered variety, The Pearl, is a beautiful hardy perennial that is easily grown from seed and flowers the first season if sown early. In flower from spring to late autumn. Pkt. 10 cts.

ADLUMIA, Cirrhosa (Allegheny Vine, or Mountain Fringe) **HB.** A handsome rapid growing vine with pink flowers. Pkt. 10 cts

ADONIS

Neat, low-growing plants of the easiest culture; fine in masses and are continuous bloomers.

AEstivalis (Pheasant's Eye). Bright scarlet. Pkt. 5 cts.

Vernalis (Ox-Eye) **HP.** Large yellow starry flowers. Pkt. 5c.

AGERATUM HHA

Extensively used for borders, ribbon lines, etc. Blooms the entire summer. Sow early for best results.

Blue Perfection. Dwarf, large deep blue. Pkt. 10 cts.

Little Blue Star. Very dwarf. 4 to 6 inches. Very suitable for edging. Numerous light blue flowers. Pkt. 15 cts.

Little Dorrit. Dwarf and spreading in habit. Flowers azure-blue. Pkt. 5 cts.

Princess Victoria Louise. Dwarf and compact habit; flowers blue with white center. Pkt. 10 cts.

Snowball. Dwarf and free-flowering; large clusters of pure white flowers. Pkt. 5 cts.

AGROSTEMMA

Coeli-rosa fimbriata (Rose of Heaven). Very free-flowering from July to September. Nice for cutting; rose-colored. Pkt. 5 cts.

Coeli-rosea alba fimbriata. White. Pkt. 5 cts.

Coeli-rosea lilacina fimbriata. Lilac. Pkt. 5 cts.

The varieties above grow 12 to 15 inches high, are bushy and freely branched; flowers about 1½ inches in diameter. Fringed and durable in cut state.

Coronaria (Rose of Campion). **HP.** Glowing crimson flowers, silvery white foliage. Pkt. 5 cts.

ALONSOA

Elegant half-hardy annuals for beds, etc., also nice pot-plants.

Albiflora. Very nice white for a warm, sunny situation. Pkt. 5 cts.

Miniata, Scarlet Gem. Brilliant scarlet. 1 ft. Pkt. 10 cts.

Mutisii, Chamois Rose. Large. Rich color. Pkt. 5 cts.

ALOYSIA **citriodora** (Lemon Verbena). **HHP.** Delightful lemon odor, readily grown from seed. A general favorite. Pkt. 10 cts.

ALSTRŒMERIA **Chilensis** (Peruvian Lily). **HHP.** Many beautiful shades of rose, crimson, orange, yellow, buff and blush. 3 ft. Sown early and planted in a sunny position will bloom the first season. Pot culture is most suitable however, as they are easily grown. Pkt. 15 cts.

ALYSSUM

Annuals and perennials that are favorites for cutting for bouquets as well as for edging boxes, baskets, etc.

Benthami (Sweet Alyssum). Small white, honey-scented flowers. Pkt, 5 cts., oz. 25 cts.

Benthami compactum (Little Gem). Compact, erect-flowering variety. White. 4 to 6 in. Pkt. 5 cts., oz. 20 cts.

Benthami procumbens (White Carpet, or Dwarf Bouquet). Only a few inches high. Of a spreading habit. Pkt. 10 cts., oz. 50 cts.

Saxatile citrinum. **HP.** Dwarf and bushy. 1 ft. Masses of pale yellow flowers in spring. Pkt. 10 cts.

AMPELOPSIS **Veitchi** (Boston Ivy). **HP.** A very elegant hardy vine, attaching itself to stone, brick or woodwork. The beautiful foliage acquires rich autumn tints. Pkt. 5 cts., oz. 25 cts.

Antirrhinum

Aquilegia cœrulea (see page 25)

AMARANTUS

Tender decorative annuals, useful for border plants, center of beds and among shrubbery. They are strong growers and should have 2 to 3 feet space per plant. Height 2 to 3 feet.

Brilliant. Bright red, tips of branches carmine-rose, red and yellow. Pkt. 10 cts.

Caudatus (Love-Lies-Bleeding). Blood-red. Drooping racemes. Pkt. 5 cts.

Tricolor splendens (Joseph's Coat). Foliage scarlet-yellow and green. Pkt. 5 cts.

ANAGALLIS **monelli.** Mixed. Blue and red varieties. Free-flowering and very nice in sunny situations. Also nice as pot plants. ½ ft. Pkt. 10 cts.

ANCHUSA

Capensis and Capensis alba. Are very pretty hardy annuals with showy heads of blue and white flowers, free-flowering and easily grown. 1½ ft. Pkt. 5 cts.

Italica (Dropmore Variety). **HP.** A great improvement on the type. Vigorous branching habit, producing large blue flowers in abundance during June and July. Pkt. 10 cts.

ANEMONE (Windflower) HP

Lovely flowers in many shades of scarlet, blue, purple and white, flowers are 2 inches and over in diameter and durable; elegant for cutting.

Coronaria St. Brigid. A lovely semi-double flowers, brilliant-hued and delicately shaded. Pkt. 10 cts.

Fulgens. A very brilliant scarlet that flowers from February to April. Grows readily from seed. Pkt. 15c.

Double Chrysanthemum-Flowered. Beautiful flowers in fine mixture. Pkt. 10 cts.

ANGELONIA **grandiflora alba.** **TP°.** A graceful greenhouse perennial that flowers the first season from seed. Numerous pure white flowers, produced throughout the winter. A nice house plant. Pkt. 25 cts.

ANTIRRHINUM (Snap Dragon) HP

These bloom the first season if sown early, and make a fine display during the entire season. About 80 per cent of the seedlings come true to color. They form showy beds, whilst the tall varieties form elegant and showy masses of color in the border. The dwarf varieties are suitable for edging and are nice as pot plants.

Giant-flowering, Tall. The flowers of these are double the size of the ordinary strain and are closely set on the stems. Height 2 ft. Colors are **Chamois, Pink, Scarlet, Yellow with Orange-Yellow, Striped, White** and **Mixed.** Each, pkt. 10 cts., ¼oz. 25 cts.

Giant-flowering, Semi-dwarf. This class grows about one-half the height of the preceding; extra-large flowers and are elegant for beds or pots. Colors, **Chamois, Scarlet, Carmine (Daphne).** Each, pkt. 10c., ¼oz. 30c.

Semi-dwarf, Mixed. A large variety of colors of the medium-sized flowers. Height about 18 inches. Fine for bedding. Pkt. 10 cts., ¼oz. 25 cts.

Semi-dwarf, Queen of the North. A very nice bedding variety or for pots. About 1 foot high, covered with spikes of pure white sweet-scented flowers. Pkt. 10 cts., ¼oz. 25c.

Tom Thumb. Very desirable for beds, edging, etc. Colors, crimson, rose, white, yellow, mixed. Pkt. 10 cts., oz 25 cts.

ANTIRRHINUM, continued

Tom Thumb Vesuvius. A new dwarf variety, fiery orange in color and the brighest of all Snapdragons. Pkt. 10 cts.

Sunset. An English strain of semi-dwarf varieties, rich in beautiful shades of old-rose, orange-scarlet, buff-rose and orange-yellow, fiery orange-scarlet and rose, etc. 1 ft. Pkt. 15 cts.

AQUILEGIA
(Columbine) HP

Are general favorites for borders. They will also do well under the shade of trees. They are among the earliest flowering perennials and are very easily grown. Many seedlings vary from the type, but all are beautiful. We offer a very fine collection. 1½ to 2 feet is their average height.

Californica hybrida. Very fine, mostly with golden yellow petals; sepals and long spurs orange-crimson. Pkt. 10 cts., ¼oz. 60 cts.

Canadense (The Native Columbine). Scarlet and yellow. Pkt. 10 cts., ¼oz. 40 cts.

Coerulea (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful. Pkt. 10 cts., ¼oz. 75 cts.

Coerulea hybrida. Flowers large and long-spurred and of many beautiful colors. Pkt. 10c., ¼oz. 50c.

Coerulea hybrida fl. pl. Large, double, long-spurred flowers in various shades of white, blue, lavender, indigo and yellow; very beautiful. Pkt. 25 cts., ⅛oz. 75 cts.

Coerulea hybrida, Rose Queen. Beautiful rose shades with white centers. Pkt. 25 cts.

Chrysantha. Large, long-spurred golden yellow flowers; splendid. Pkt. 5 cts., ¼oz. 35 cts.

Chrysantha grandiflora alba. Very large and long pure white flowers. Pkt. 10 cts., ¼oz. 50 cts.

Chrysantha fl. pl. Flowers large and double, and beautiful golden yellow in color. Pkt. 10 cts., ¼oz. 75 cts.

Glandulosa vera. Very large and erect dark blue flowers with white corolla. Pkt. 25 cts.

Jaetschaui. Large yellow flowers with red tinted sepals and spurs. Pkt. 5 cts., ¼oz. 35 cts.

Skinneri (Mexican Columbine). Spurs long and contracted and scarlet in color; petals and sepals yellow and green; distinct and beautiful. Pkt. 10 cts., ¼oz. 50 cts.

Vulgaris fl. pl. Double varieties mixed. These will give an abundance of odd and very pretty flowers. Pkt. 5 cts., ¼oz. 15 cts.

Vulgaris atrorosea fl. pl. New and remarkable for its profusion of deep rose-colored double flowers. Pkt. 10 cts., ¼oz. 35 cts.

Zeppeleni. Beautiful double white corolla, with blue calyx. Pkt. 25 cts.

ARABIS **alpina grandiflora superba. HP.** Very free, spring-flowering plant with verbena-like heads of snow-white flowers. 3 ft. Pkt. 5 cts.

ARCTOTIS **grandis. TA.** Very bushy and free-flowering. Pure white, many petaled flowers with colored stamens forming a lavender center, surrounded by narrow zone. Under side of petals lilac. Pkt. 10 cts.

Arctotis grandis

forerunner of a new class. Pyramidal habit, with fifteen to twenty strong side shoots bearing graceful flowers. In form between the Comet and Victoria varieties. Very distinct. Color brilliant rosy carmine. Very early. Pkt. 25 cts.

Daybreak Asters

ARMERIA **Cephalotes, Giant Thrift. HP.** Charming border plants that thrive anywhere. Useful for cutting. Fine rose color. 1½ ft. Pkt. 10 cts.

ARNEBIA **cornuta. HHA.** Numerous rich yellow flowers with five black spots. A very good border plant. 1½ ft. Pkt. 10 cts.

ASTILBE **Davidii. HP.** A new hardy border plant for shady moist places. Large violet-rose plumes. Elegant foliage. 4 ft. Pkt. 25 cts.

ASPARAGUS TP

Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

Plumosus nanus. Beautiful fern-like sprays of foliage. Pkt. 10 cts., 100 seeds 75 cts.

Sprengeri. Makes a beautiful basket and useful for cutting sprays. Pkt. 10 cts., 100 seeds 40 cts.

ASTERS, CHINA
HHA

Asters now rival the Chrysanthemum in form and colors, and are the leading cut-flower from midsummer until the appearance of the Chrysanthemum. They delight in rich, moist soil, and for the largest and finest colored flowers frequent rains or waterings are required. For successional flowers sow seed from March to June. We offer the best strains and varieties.

Cactus, Rosy Carmine. The

Comet, Queen of Spain. New delicate yellow passing to flesh-color. Pkt. 15 cts.

Comet, Express. A very early variety, good stems and nice for cutting. 1½ ft. **White, Rosy Pink** and **Dark Blue.** Each, pkt. 10 cts., ⅛oz. 50 cts.

Snowdrift. An American variety, early, white. Desirable for cutting. Pkt. 10 cts., ⅛oz. 50 cts.

Daybreak. Shell-pink, good flowers on strong upright stems. Pkt. 10 cts., ⅛oz. 50 cts.

Lavender Gem. Large loose flowers on long stems of a beautiful lavender shade. Pkt. 10 cts., ⅛oz. 50 cts.

Purity. Very double pure white flowers. In habit a counterpart of Daybreak. Pkt. 10 cts., ⅛oz. 50 cts.

Violet King. Of the late-branching type; flowers large, on long stems. A soft violet shade. Pkt. 10 cts., ⅛oz. 50 cts.

Ray. Very large flowers with slender quilled petals on long elastic stems. Nice for cutting. Mixed colors. Pkt. 10 cts., ⅛oz. 50 cts.

Sunlight. Finely formed flowers, 3 to 4 inches in diameter on long stems. Color sulphur-yellow. Pkt. 10 cts., ⅛oz. 50 cts.

Waldersee. Small compact plants 8 to 10 inches in height. Flowers are small and double. Delicate rose, edged white. A neat pot variety. Pkt. 10 cts.

ASTERS, continued

Queen of the Market. One of the most popular varieties. Very early on light soils. Strong vigorous grower, fine large flowers on long stems. **Crimson, Dark Blue, Light Blue, Peach-Blossom, Pink, Scarlet, White** and **Mixed.** Each, pkt. 10 cts., ¼oz. 25 cts.

Early Hohenzollern. or **Early Wonder.** An early flowering strain of this grand class. **Carmine, Light Blue, Light Yellow, Pink, White** and **Mixed.** Each, pkt. 10 cts., ⅛oz. 75 cts.

Giant Comet. Very large flowers, petals curled and twisted, resembling a Chrysanthemum. Distinct **Crimson, Dark Blue, Light Blue, Pink, Salmon-Rose, White** and **Mixed.** Each, pkt. 10 cts., ⅛oz. 50c.

Hohenzollern. This is a class of Giant-flowering varieties, measuring 6 to 7 inches across the flower. Fine strong stems, elegant for cutting. **Azure-Blue, Delicate Rose, White, Dark Blue, Pink, Mixed.** Each, pkt. 10 cts., ⅛oz. 50 cts.

Victoria. Large showy flowers, perfectly double, petals overlapping regularly, forming a very showy bloom. Excellent for cutting. Habit pyramidal. **Azure-Blue, Dark Blue, Salmon Queen, Rose, Crimson, Peach-Blossom, Scarlet, White** and **Mixed.** Each, pkt. 10 cts., ⅛oz. 50 cts.

Giant Victoria, or **Jubilee.** A very large form of the Victoria, flowers double and 5 to 6 inches in diameter. Tall habit. **Crimson, Light Blue, Peach-Blossom, White, Dark Blue, Fiery Scarlet, Silvery Gray** and **Mixed.** Each, pkt. 10 cts., ⅛oz. 50 cts.

Paeony-flowered Perfection. Beautiful incurved flowers. Habit very nice and a good variety for beds, etc. 1½ ft. **Crimson, Light Blue, Scarlet, Dark Blue, Rose, White** and **Mixed.** Each, pkt. 10 cts., ⅛oz, 50 cts.

Semple's Branching. A fine late-flowering strain brought to a high standard by careful selection. Excellent cut-flower variety. **Carmine, Lavender, Rose, White, Crimson, Purple, Shell-Pink** and **Mixed.** Each, pkt. 10 cts., ¼oz. 50 cts.

ASTERS, **Perennial.** Large-flowered mixed. Pkt. 10 cts., ¼oz. 50 cts.

AUBRIETIA **Leichtlinii.** **HP**. A variety of Rock Cress with attractive flowers ranging from rose to carmine. ½ ft. Pkt. 25c.

BALLOON VINE (**Cardiospermum**). A rapid-growing annual climber. White flowers succeeded by balloon-like seed-vessels. 10 to 15 ft. Pkt. 5 cts., oz. 25 cts.

BALSAM. See **Impatiens.**

BAPTISIA **australis** (False Indigo). **HP**. Long racemes of dark blue pea-shaped flowers; good herbaceous border plant. 4 ft. Pkt. 5 cts.

BARTONIA **aurea-mentzelia.** Ornamental foliage and large golden yellow flowers; free-flowering. 1½ ft. Pkt. 5 cts.

Victoria Asters

Tuberous-rooted Begonias (see page 27)

BEGONIA HHP°

The many improvements in this family now permit their use for almost any desired end. The tuberous-rooted varieties are beautiful house-plants and very useful as bedding plants. The semperflorens varieties are excellent bedding plants, are equally valuable as pot plants for decorative purposes and afford nice sprays for cut-flowers. Some of the varieties form very charming plants for baskets, etc., whilst the Rex section and others supply elegant foliaged subjects.

SEMPERFLORENS

The following varieties of this species are all adapted for bedding and are perpetual bloomers. Also very fine as pot-plants. Height about 10 inches

Erfordia grandiflora superba ameliorata. This is a new and extra-fine variety, with unusually large flowers, displayed nicely above the dark green metallic-hued foliage. About 1 foot high, of a vigorous branching habit; a great improvement on Erfordia; rose-carmine; splendid bedder. Pkt. 50 cts.

Erfordia. A popular variety with handsome dark foliage and rose-carmine flowers. 1 ft. Pkt. 25 cts.

Ruby. Foliage is a metallic reddish brown shade, buds coppery red, flowers carmine-pink. A handsome variety for bedding. 10 in. Pkt. 25 cts.

BEGONIA SEMPERFLORENS, continued

Triumph. A very dwarf pure white-flowered variety that blooms profusely throughout the season. Fine for pots or bedding. 6 to 10 in. Pkt. 50 cts.

Vernon. Dark green foliage shaded bronzy-red, flowers deep glowing rose, branching habit and fine for pots or bedding. 1 ft. Pkt. 25 cts.

Dwarf Vernon. Forms a small round plant covered continually with brilliant red flowers; foliage deep brownish red. Pkt. 25 cts.

Vulcan. A grand bedder 1 foot high. Glowing vermilion flowers. Dark brownish foliage. Pkt. 25 cts.

Zulu King. Very dark foliage, dwarf and branching in growth. Flowers brilliant red. Pkt. 25 cts.

TUBEROUS-ROOTED (*Begonia hybrida*)

These are not difficult to grow from seed, though special care must be given them in seedling state. January sown seed will produce blooming plants in July, whilst sowings made at this latter date will furnish nice stock for spring and summer bloom.

Single Large-flowering Varieties. In splendid mixture. Pkt. 25 cts.

Single Fringed (Crispa, or Fimbriata). Splendid mixture of White, Cream, Rose, Red, Carmine, etc. 40 per cent true from seed. Flowers large. Pkt. 25 cts.

Single Crested, or Bearded (Cristata). About 40 per cent of the flowers have large flat petals with crested combs. Mixed colors, White, Yellow, Scarlet, etc. Pkt. 50 cts.

Double Mixed. A very fine strain of well-formed flowers consisting of White, Rose, Yellow, Orange, Scarlet, Dark Red, etc. Pkt. 50c.

Double Sweet-scented. A new variety with fiery carmine-red flowers on stiff stems held well above the foliage. Flowers have a pleasing tea-rose fragrance. Is highly commended for bedding as well as pots. Pkt. 50 cts.

Dichroa. A new shrubby free-branching variety. Leaves light green blotched white, whilst the later leaves that follow the flowering period are entirely green. Flowers are brilliant salmon and produced continually. 2 ft. Pkt. 50 cts.

Limminghi. An elegant climbing species, blooming almost continually. Nice for baskets. Salmon. Pkt. 50 cts.

Rex Hybrid Varieties Mixed. Large handsome leaves variegated with bronze, silver, gray, etc. Pkt. 25 cts.

Rubens. Rex foliage with elegant shades of red and dark rose. In some plants only these two colors appear, in others these colors are contrasted with the silvery white or green of the type, the red and rose appearing along the edge, the middle, or as a zone or group of spots. Very sturdy class and about 60 per cent true from seed. Pkt. 50 cts.

BELLIS PERENNIS (English Daisy) HP

Do well in almost any soil, preferring a partially shaded position. Flower from early spring until early fall and may then be divided and held in frames for following season's planting. Height 5 to 6 inches.

The Bride. New Giant-flowered White. Very double flowers on long straight stems. Early and free. Pkt. 15 cts.

The Bridegroom. A counterpart of the foregoing in all but color, being a fine deep rose. Pkt. 15 cts.

Giant Longfellow. Large double rose-colored flowers. Pkt. 10 cts., ⅛oz. 50 cts.

Giant Snowball. Large perfect double white. Pkt. 10 cts., ⅛oz. 50 cts.

Giant Red. Large-flowering double red. Pkt. 10 cts., ⅛oz. 50c.

Giant Mixed. Pkt. 10 cts., ⅛oz. 50 cts.

BETA BEETS (Ornamental-leaved) HB

For edging or border plants.

Dracaena-leaved. Long, narrow, reflexing blood-red foliage, forming a good contrast to Lobelias or Golden Feather. 1 ft. Pkt. 10c.

Brazilian Golden and Crimson Mixed. Fine border plants. Very showy. Entire leaf-stalk and midrib intensely colored. Very attractive. 2 ft. Pkt. 10 cts.

BRACHYCOME iberidifolia (Swan River Daisy). **HHA.** Rich blue flowers with blackish disc surrounded by narrow white halo. 1 ft. **Rose-colored and White Mixed.** Each, pkt. 5 cts.

BROWALLIA TA

Elata coerulea grandiflora. Beautiful sky-blue. Elegant winter-blooming plant and also a nice bedding plant in sheltered position. 1½ ft. Pkt. 10 cts.

Speciosa major. This is a beautiful pot-plant that is almost constantly in bloom. Can be planted out in summer and lifted in fall. Violet-blue. 1½ ft. Pkt. 25 cts.

Candytuft, Empress

CACALIA coccinea (Tassel Flower, or Ladies' Paint Brush). An old-time favorite for the border. Flowers orange-scarlet and very nice for cutting. 1½ ft. Pkt. 5 cts.

CALAMPELIS HHP

Scabra (Chilian Glory Flower). A new foliaged climber with tubular orange flowers in racemes. 10 ft. Pkt. 10 cts.

Scabra roseus. New salmon-rose flowers. Pkt. 15 cts.

CALANDRINIA umbellata. HHA. Is a charming trailing plant with glowing crimson flowers; does best in dry soils, rockwork, old walls, etc. ½ ft. Pkt. 5 cts.

CALCEOLARIA (Slipperwort) HHP

These are mainly gorgeous greenhouse flowering plants. Their peculiar form and most brilliant colors of their flowers make them distinctly attractive, We offer the best strains obtainable.

Large-flowered Self-colored. Robust, good habit. Very large flowers and free. Pkt. 25 cts.

Large-flowered Tigered or Spotted. Most brilliant flowers, beautifully marked. Pkt. 25 cts.

Shrubby, rugosa major. HP. Fine strain of bedding varieties, having larger flowers than the Rugosa. 1 ft. Pkt. 50 cts.

Shrubby, Triumph of the North. A beautiful golden yellow, said to be the finest bedding variety. Also a fine pot-plant. Pkt. 75c.

CALENDULA (Pot Marigold)

Are very showy and thrifty plants, particularly adapted for dry and poor soils, although they thrive in any sunny location. They are extremely showy from late summer until cut down by frosts. Flowers are often dried and stored for coloring and flavoring soups, etc. 1 to 1½ ft.

Officinalis fl. pl. Meteor. Double yellow, striped with orange. Pkt. 5 cts., oz. 25 cts.

Officinalis, Pure Gold. Very large double flowers of golden yellow, semi-dwarf. A splendid variety. Pkt. 5 cts., oz. 25 cts.

Officinalis, Prince of Orange. A very dark Meteor; large, double yellow flowers. Pkt. 5 cts., oz. 25 cts.

Officinalis, Mixed Varieties. Very showy for garden, borders, etc. If sown in May in borders among other plants they will make a fine autumnal display. Pkt. 5 cts., oz. 25 cts.

Pluvialis (Rainy). So named because flowers close on approach of rain. Large single white daisy-like flowers, golden center. Under side of petals rich maroon. 1 ft. Pkt. 5 cts., oz. 25 cts.

CALLIHROE

Pedata nana (Poppy Mallow). Deep carmine flowers with white center. Very attractive in beds or borders. 2 ft. Pkt. 5 cts.

Involucrata. HP. Very showy large crimson flowers, trailing habit. Pkt. 10 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our EVERGREEN LAWN SEED.

CALLIOPSIS (Bright Eyes)

Very attractive free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height ½ to 2½ ft.

Beauty. Dwarf and compact, 8 to 10 inches high. Golden yellow with crimson centers. Elegant for pots or beds. Pkt. 10 cts.

Crimson King. Plants from 6 to 8 inches high, covered with a mass of glowing dark crimson flowers. Splendid for bedding or as a pot-plant. Pkt. 10 cts.

Bicolor. Golden yellow, scarlet-maroon center. Pkt. 5 cts., oz. 25 cts.

Drummondii, Golden Wave. Bright yellow flowers with brown eye. Pkt. 5 cts., oz. 25 cts.

Hybrida superba. A beautiful strain quite bushy in habit, some medium others tall. Colors are very bright and attractive, many individual plants having flowers of two different colors. In size blossoms vary from small to large. 1 to 2 ft. Pkt. 10 cts., oz. 35 cts.

Dwarf Tigered. These are bushy plants 8 to 10 inches high with a mass of bright reddish brown flowers, spotted yellow, petals curled and twisted. Pkt. 25 cts.

Campanula

CAMPANULA (Bellflower)

A family containing many beautiful border plants, several varieties beautiful as pot-plants. Mainly hardy biennial and perennials.

Macrostyla. One of the few annuals of the genus. Handsome large flowers in violet and rose shades for pots and rockwock. 1½ ft. Pkt. 10 cts.

Longistyla. HB. A new, quite hardy, handsome species bearing a profusion of violet-blue flowers. 3 ft. Pkt. 25 cts.

Medium (Canterbury Bells). **HB.** Large bell-shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. 2 to 2½ ft. **Single—Blue, Lilac, Rose, Rosy Carmine, White, Striped, Mixed.** Each, pkt. 5 cts., ¼oz. 20 cts. **Double—Blue, Lilac, Rose, Striped, Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

Medium calycanthema (Cup-and-Saucer Varieties). **HB.** Delightful in form and colors and elegant subjects for the garden or for pot-culture. 2 to 2½ ft. **Blue, Lilac, Rose, Striped White** and **Mixed.**. Each, pkt. 10 cts.

Medium imperialis. HB. A new strain of regular pyramidal habit with upright flowers; rich colors, fine for pots. 2 ft. Mixed white, rose and blue shades. Pkt. 25c.

Carpathica (Harebell). **HP.** Dwarf plants with cup-shaped flowers, suitable for borders, edging, etc. 1 ft. Mixed (white, blue and violet). Pkt. 5 cts., ¼oz. 25 cts.

Carpathica fragilis. HP. Very neat trailing plant with violet-purple flowers, for rockwork, hanging baskets, boxes, etc. ½ ft. Pkt. 10 cts.

Carpathica garganica. HP. A charming trailer, flowers blue with white center; very nice basket plant. ½ ft. Pkt. 25 cts.

Persicifolia grandiflora fl. pl., Blue and **White. HP.** Each has extra-large cup-shaped flowers, being elegant for pot-plants and also for border. 2 ft. Pkt. 10 cts.

Persicifolia grandiflora fl. pl. Moerheimi. HP. Large open snow-white flowers, 2 to 3 inches across, semi-double, beautiful for border and nice for cutting. 2 ft. Pkt. 25 cts.

Persicifolia grandiflora fl. pl. Pfitzeri. HP. Very large open saucer-shaped flowers, partly semi-double of a glorious blue color, produced from June to August. A handsome counterpart of preceding variety. 2 ft. About 50 per cent true from seed of these two varieties. Pkt. 25 cts.

Pyramidalis (Chimney Bellflower.) **HP.** Stately plants with 4 to 5 feet high stems, grand for borders or as large decorative pot-plants.

Celosia Thompsoni magnifica
(See page 29)

CAMPANULA, continued

Large, broad tubular-shaped flowers. **Blue, White** and **Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

Pyramidalis compacta. Beautiful new dwarf form of the preceding in blue and white, the flowers are large and habit renders them invaluable as decorative pot-plants. 2 ft. **Deep Blue** and **White.** Each, pkt. 10 cts.

CANNA (Indian Shot) HHP°

Indispensable for the garden, for flowering and foliage effects. The dwarf French varieties are remarkably free and may also be grown as pot-plants. The tall green and metallic-hued sorts are needful for subtropical effects. Seeds are very hard, as name implies, and should be soaked 12 to 24 hours in warm water before sowing or notch with file or knife; heat is essential to germination, but under any conditions they will come up successively.

Crozy's Grand Hybrids. Finest mixture of the dwarf French-flowering varieties. 3 to 4 ft. Pkt. 10 cts., oz. 35c.

CANNABIS gigantea (Chinese Giant Hemp). A grand plant, subtropical garden or large borders. 6 ft. Pkt. 5 cts.

CANDYTUFT (Iberis)

A general favorite. Valuable for masses, edging and prized for cutting. Free-flowering.

Giant Hyacinth-flowered, or **Empress.** Very fine large heads of pure white flowers, sturdy and compact in habit. 1 ft. Pkt. 5 cts., oz. 30 cts.

Umbellata. Common Candytuft in **Carmine, Crimson, Flesh, White, Lilac** and **Mixed.** Each, pkt. 5 cts., oz. 25 cts.

Umbellata, Rose Cardinal. Very fine variety. Pkt. 10c., oz. 50c.

Dwarf Hybrids. Large spikes of flowers, valuable for cutting or as a border plant; fine mixed colors of Carmine, Flesh, Lilac and Purple. ½ ft. Pkt. 5 cts., oz. 30 cts.

Gibraltarica Hybrids. HB. A dwarf, compact form with purple and white flowers. 1 ft. Pkt. 10 cts.

Sempervirens. HB. Evergreen, glossy foliage, flower white. Pkt. 10 cts.

CAPSICUM (Ornamental Pepper) TA

Very nice for pot-plants. 1 ft.

Celestial. Creamy white and yellow, changing to crimson. Pkt. 5c.

Chameleon. Neat bushy plants with yellow, purple and scarlet fruits. 1 ft. Pkt. 5 cts.

Little Gem. A nice market plant, with erect, small scarlet fruit. Pkt. 5 cts.

CATANANCHE (Cupid's Dart) HP

Charming perennials, free-flowering from June to September. The flowers are "Everlasting" and elegant for cutting. 2½ ft.

Coerulea. Blue, purple center. Pkt. 10 cts.

Coerulea bicolor. White, violet center. Pkt. 10 cts.

CELOSIA (Cockscomb) TA

CRISTATA

Handsome and distinct, the comb-like heads may be grown to a large size and make fine decorative plants and unique beds.

Empress. Enormous crimson heads, dark foliage; dwarf. Pkt. 10 cts., ⅛oz. 50 cts.

Glasgow Prize (President Thiers). Very fine crimson combs; dwarf. Pkt. 10c., ⅛oz. 50c.

Dwarf Rose. Bright rose with a central stripe of golden yellow. Pkt. 10 cts.

Dwarf Yellow. Splendid heads of large size and fine form. Pkt. 10 cts.

CELOSIA CRISTATA, continued

Dwarf Blood-Red. Extra fine blood-red. Pkt. 10 cts.
Dwarf Finest Mixed. Pkt. 5 cts.
Plumosa (Plumed, or Feathered Cockscomb). **TA.** Of pyramidal growth with superb feathery plumes. Grand pot-plants and beautiful for beds during the summer months.

Celosia, Glasgow Prize (see page 28)

Thompsoni magnifica. A mixture of improved varieties of splendid colors. 1½ ft. Gold-Yellow, Fiery Red, Blood-red, Salmon, etc. Pkt. 10 cts.

Thompsoni magnifica, Crimson. Pkt. 10 cts.

Thompsoni magnifica, Golden Yellow. Pkt. 10 cts.

Spicata. TA. Numerous plumes opening rose, changing to silvery white on the lower parts. Very nice for pots or cutting. 2½ ft. Pkt. 10c.

CELSIA

Arcturus. HHP. Clear yellow flowers with purple anthers. In flower the whole season and forms a fine pot-plant. 1½ ft. Pkt. 25c.

Cretica. HHB. Both this and the preceding are old introductions from the Island of Crete, and are splendid decorative plants. This variety is also an excellent border plant with large yellow-brown spotted flowers. 4 ft. Pkt. 25 cts.

CENTAUREA

A very large and varied genus, containing numerous handsome foliage and flowering species.

Americana alba. A beautiful native variety with numerous large creamy white flowers, 5 inches in diameter, long-stemmed and nice for cutting. A good border plant. 2 ft. Pkt. 10 cts.

Cyanus. The Blue-Bottle, Bachelor's Button, or Cornflower of the old gardens. A weed in the European cornfields. They commonly come up year after year seeding themselves after the first planting. 2½ ft. **Blue** and **White Mixed.** Pkt. 5 cts., oz. 25 cts.

Emperor William. Dark blue. Pkt. 5 cts., oz. 25 cts.

Double Emperor William. Fine double dark blue. Pkt. 10 cts.

Double Mixed. Fifty to 60 per cent true. Pkt. 5 cts., oz. 30 cts.

Flava, or **Suaveolens** (Yellow Sweet Sultan). Very sweet honey-like odor; fall-sown seeds produce plants more prolific in flower and of finer quality than spring-sown. 1½ ft. Pkt. 5 cts., ¼oz. 20 cts.

Flava imperialis. These are beautiful giant varieties, the finest of the collection. They are vigorous growers, branch freely and send out numerous side shoots producing flowers during a long period. 3 to 3½ ft. **Purple, White, Lilac, Lavender, Dark Rose, Light Rose** and **Mixed.** Each, pkt. 10 cts.

Inodorum Bridal Robe Chrysanthemum

Flava odorata Chameleon. New yellow and rose variety. Attractive. 2 ft. Pkt. 10 cts.

Flava Marguerite. Very large pure white sweet-scented flowers. 1½ ft. Pkt. 10 cts.

Flava moschatus (Musk Sultan). Pale lilac-purple flowers. Pkt. 10 cts.

Dealbata. HP. Rose, recommended for cut-flowers; rosy pink, handsome foliage. 3 ft. Pkt. 10 cts.

Candidissima. HHP. Very handsome silvery foliage used in quantity for bedding, edging, baskets, etc. ¾ ft. Pkt. 10 cts., 1,000 seeds 50 cts.

CENTAUREA, continued

Gymnocarpa. HHP. Silver foliage; a popular bedding variety. Pkt. 10 cts., ¼oz. 25 cts.

Rutifolia purpurea. HHP. Elegantly cut silvery foliage, with purple flowers, contrasting finely. Pkt. 10 cts.

CERASTIUM tomentosum (Snow-in-Summer). **HP.** Beautiful silvery-white foliage. An invaluable plant for edgings, etc. Pure white flowers. ½ to ¾ ft. Pkt. 15 cts.

CHAMÆPEUCE diacantha (Fishbone Thistle). **HB.** Very ornamental white foliage with large spines. 2 ft. Pkt. 10 cts.

CHRYSANTHEMUM

A large family of plants of varied character, nearly all valuable for cut-flowers.

ANNUAL VARIETIES

Very showy and popular, known as Painted Daisies and summer Marguerites. Useful as pot-plants, as well as for cutting and bedding.

Carinatum (tricolor) Eclipse. Golden yellow, scarlet ring. 1½ ft. Pkt. 5 cts., ¼oz. 15 cts.

Carinatum, Evening Star. Bright golden yellow flowers, 3 to 4 inches across. 1½ ft. Pkt. 10 cts.

Carinatum, Morning Star. A large primrose-yellow, with golden center. 1½ ft. Pkt. 10 cts.

Cineraria hybrida grandiflora (see page 30)

Carinatum, Northern Star. A giant white variety, with flowers 3½ inches across. Dark center. 1½ ft. Pkt. 15 cts.

Carinatum, Silver Queen. New white, yellow center. Pkt. 10c.

Carinatum, Single-flowering Varieties Mixed. Pkt. 5 cts., ¼oz. 15 cts.

Carinatum, Double-flowering Varieties Mixed. Pkt. 10 cts., ¼oz. 25 cts.

Coronarium, Golden Queen. Golden double flowers, free-flowering dwarf, and valuable for pots or bedding. 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Coronarium, White Pearl. A white-flowering form of the preceding. Pkt. 5 cts. ¼oz. 15 cts.

Inodorum, Bridal Robe. A dwarf variety with snow-white, very double flowers, fine foliage. An elegant pot-plant and nice for beds. Very free. Fair percentage double from seed. ¾ ft. Pkt. 20c.

Segetum grandiflora (Corn Marigold). Showy yellow flowers. A fine border plant. 1 ft. Pkt. 5 cts., ¼oz. 15 cts.

Segetum grandiflora, White Star. New large-flowering white with dark disc. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

GREENHOUSE AND HARDY PERENNIALS

Frutescens (Paris Daisy). **HHP.** A very nice white Daisy, with yellow center; good for pots or bedding. Pkt. 10 cts.

Japonicum. HHP°. The Japanese varieties may quite readily be grown from seed. Sown early will bloom freely the same season. Pkt. 25 cts.

Japonicum, California Fantasies. HP.° A splendid mixture of perennial varieties from a beautiful collection. Pkt. 25 cts.

OTHER CHRYSANTHEMUMS

Leucanthemum hybridum (Spring Marguerites). **HP**. Perfectly hardy, established plants will flower in May. Flowers are borne on long thin, but wiry stems, are 3 inches and over in diameter, and like all Chrysanthemums are very durable in a cut state. 2½ ft.

Maximum, Alaska White (Shasta Daisy). Fine for cutting. Pkt. 10 cts.

Maximum, California Cream White (Shasta Daisy). Fine for cutting. Pkt. 10 cts.

Maximum Westralia (Large White Shasta Daisy). Pkt. 10 cts.

CINERARIA TP°

Very distinct and ornamental house plant, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson with bicolors of crimson and white, blue and white, etc. Splendid large flower.

Hybrida grandiflora. Large-flowering Prize Varieties. Unsurpassed for richness of color and perfection of form. 1½ ft. Pkt. 35 cts.

Hybrida grandiflora. Dwarf Large-flowering. Superb mixture of splendid varieties. 1 ft. Pkt. 35c.

Hybrida grandiflora. A strain containing many novel shades—lilac, chamois, chamois-rose, terra-cotta, brown, coppery red, etc. Large-flowered. Pkt. 50 cts.

Hybrida grandiflora Kermesina. Rich crimson; extra. Pkt. 50c.

Hybrida grandiflora Fin de Siecle. Rose Varieties. Rare shade. Pkt. 50 cts.

Hybrida grandiflora Matador. A beautiful scarlet, of most dazzling color, of French origin. An entirely new color in Cinerarias. Pkt. 50 cts.

Hybrida Stellata (Cruenta hybrida, Star Cineraria). Large panicles of star-shaped flowers in many pleasing colors. Very valuable for cutting and as decorative pot-plants. 2 to 3 ft. Pkt. 25 cts.

Hybrida Stellata Radiata (Cactus-flowered Star Cinerarias). Narrow petals are rolled and diverged from a small center. Unique. 2 ft. Pkt. 25 cts.

Maratima Diamond. HP. A beautiful foliage variety. Pure white leaves. For pots and bedding. 1 ft. Pkt. 25 cts.

CLARKIA

Hardy annuals that are easily grown. They flower freely, are very showy in the border, very good for cutting and the dwarf varieties form nice pot-plants.

Elegans, Double and Single Mixed. 2 ft. Pkt. 5 cts.

Pulchella. Very showy and free-flowering. Blooms earlier than the preceding varieties, but flowers are smaller. 1½ ft. Pkt. 10 cts.

Double and Single Mixed. Pkt. 5 cts.

CLEMATIS HP°

Davidiana. A new species from China. Blue sweet-scented flowers; erect bush. 3 ft. Pkt. 10 cts.

Graveolens. A fine yellow-flowered species from Thibet. Seed of both will germinate quite readily. 15 ft. Pkt. 15 cts.

CLEOME gigantea (Spider Plant). **HHA**. A beautiful new species, related to the common Caper and like it having very long stamens, giving flowers a resemblance to the spider; showy. Plants are vigorous growers and constantly in flower. This makes a fine border plant. 3 to 4 ft. Pkt. 15 cts.

CLINTONIA pulchella. HHA. Very useful for edging or pot-culture and a neat basket plant, Lobelia-like blue and white flowers ½ ft. Pkt. 10 cts.

Coreopsis

Cosmos, Lady Lenox

COBÆA

Scandens. HHP. A popular climber of very rapid growth. **Blue.** Pkt. 10 cts., ¼oz. 20 cts. **White.** Pkt. 10 cts., ¼oz. 35 cts.

Macrostemma. A new species very distinct yellowish flowers. Pkt. 10 cts.

COLEUS

Hybrids. TP. Splendid foliage varieties from a superb collection.

Bizarre Hybrids. Very showy with peculiar color combinations. Vivid copper colored, fiery-red and pink, purple, violet-brown, etc. Good growth displays their character with fifth to sixth leaf. Pkt. 50c.

Large-leaved Dwarf. Finest mixed. Saved from new superbly variegated sorts. Pkt. 25 cts.

Salicifolius, "Parrot." Improved willow-leaved varieties. Long narrow foliage richly colored. A fine pot-plant and beautiful for beds. Pkt. 25 cts.

COLLINSIA

Very attractive hardy annuals, nice for beds or ribbon lines. May be sown in autumn to flower in May, or in spring to flower during the summer.

Bicolor. Lilac and white flowers. 1 ft. Pkt. 5c.

Candidissima. Snowy white. 1 ft. Fkt. 5 cts.

COMMELINA

Sellowiana. HP. Lovely large cobalt-blue flowers, constantly in bloom. Pkt. 10 cts.

Sellowiana, Rose-Colored. A beautiful addition. Both varieties elegant for beds or baskets. Trailing habit. Pkt. 15 cts.

CONVOLVULUS

Minor (Tricolor). Beautiful hardy annuals that delight in sun and are very showy in beds, borders and on rockwork. 1 ft. Mixed colors. Pkt. 5 cts.

Major. See **Ipomoea.**

Aureus superbus. HHP. A very pretty species for hanging baskets, etc.; golden yellow flowers. Pkt. 10 cts.

Cautabricus. HP. Pale rose; neat dwarf species; beautiful basket plant. Pkt. 10 cts.

Mauritanicus. HHP°. Violet-blue. Very neat and nice for baskets, etc. Pkt. 10 cts.

CORDYLINE (Dracæana) TP

"Graceful foliage plants, fine subjects for vases, center of beds, etc.

Indivisa. A popular plant for vases. Pkt. 10 cts.

Indivisa latifolia. A nice pot-plant. Pkt. 10 cts.

Indivisa Veitchi. Handsome purplish red foliage. Varies somewhat. Pkt. 15 cts.

Indivisa Parei. New. Long, broad leaves, bright green, with red midrib. Pkt. 25 cts.

COREOPSIS

Grandiflora. HP. Large golden yellow flowers from summer to autumn. Valuable for cutting and a fine border variety. Pkt. 10 cts., ¼oz. 20 cts.

Grandiflora compacta. A new compact form of the preceding variety, non-branching, each stem emerging direct from the root. Fine large yellow flowers. Pkt. 15 cts.

COSMOS HHA

Mexican plants with handsome cut foliage and graceful long-stemmed showy flowers, known as Mexican Dahlias. The mammoth varieties should be sown early and the growth pinched when well established. This checking of the growth as with

COSMOS, continued

Dahlias induces early-flowering thereby avoiding frosts, which otherwise may overtake them. The pinching will also render plants more sturdy and compact and provide a larger number of blooms.

Early-flowering. Strain of great beauty, flowering from July till frost. **White, Pink** and **Mixed.** 4 ft. Each, pkt. 10 cts.

Dawn. Semi-dwarf habit. Large pure white, tinted rose; early and free-flowering. Pkt. 10 cts., ¼oz. 25 cts.

Klondike. Flowers orange-yellow; early and continuous bloomer. Also nice as a pot-plant. 4 ft. Pkt. 10 cts.

Lady Lenox. Very large flowers 5 to 6 inches in diameter, of a beautiful shell-pink. Elegant for cutting. 6 ft. Pkt. 10 cts., ¼oz. 35 cts.

Mammoth Perfection. Very fine large-flowered varieties attaining a diameter of 4 inches. **White, Pink, Red** and **Mixed.** Each, pkt. 10 cts., ¼oz. 20 cts.

Red Star. Distinct long narrow petals, star-shaped flower. Mammoth-flowering. Pkt. 10 cts.

CRYPTOSTEMA lusitanicum. Allied to Arctotis. Foliage grayish green, flowers sulphur with chrome-yellow base spotted dark brown, free flowering. 2 to 3 ft. Pkt. 15 cts.

Cactus Dahlia

CRUCIANELLA stylosa. HP. Flowers bright rose-pink, continuing long in bloom. A nice creeping border or rock-plant. ½ ft. Pkt. 5 cts.

CUPHEA

Platycentra (Cigar Plant). **TP.** Black and scarlet; very free-flowering. A handsome pot-plant and nice for vases, baskets, etc. 1 ft. Pkt. 25 cts.

Miniata compacta, Mixed HHA. Very useful bedding varieties. Rose, scarlet, crimson and purple and mixed. 2 to 3 ft. Pkt. 10c.

Strigulosa. TP°. A nice orange-red flowering pot-plant; charming. Pkt. 25 cts.

CYCLAMEN HHP°

A popular pot-plant for winter- and spring-flowering, blooms are very freely produced and last a long time. Seedlings bloom in eight to ten months.

Giant-flowered (Persicum giganteum). Best strain; orchid-flowering. **Giant Deep Crimson, Giant Deep Rose, Giant Pink, Giant White, Giant White** with red eye, **Giant Mixed.** Each, pkt. 25 cts., 100 seeds $1, 1,000 seeds $8.

Giant Salmon. New. Pkt. 25 cts.

Giant Rococo, Mixed. A new strain with fringed and curled petals. Very distinct and showy. Pkt. 50 cts.

Neapolitan. Rosy pink flowers, with large silvery mottled foliage. A very nice house-plant. Pkt. 25 cts.

CYPERUS

Alternifolius. Well known as Umbrella Plant. Ornamental foliage and a fine house plant. Also suitable for aquaria, etc. Nice plants are easily grown from seed in ten to twelve weeks. 2 ft. Pkt. 10c.

Alternifolius nanus compactus. A dwarf bushy form of the preceding, equally valuable. Pkt. 25 cts.

Natalensis. An ornamental grass for pots or aquaria. Pkt. 10 cts,

DAHLIAS HHP

These are so easily grown from seed that we think in a year or two the popular demand will be for seed instead of tubers. The beautiful new introductions of the

DAHLIAS, continued

past two seasons afford single and double flowers in wonderful variety, all classes coming quite true from seed, and supplying magnificent colors. In the garden these seedling Dahlias bloom as early and freely as the plants grow from tubers. Dahlias should have good rich soil, pinching out the points of growths tends to dwarf the plants and also incites to earlier flowering.

Cactus, Double Large-flowering Dwarf. Very distinct and showy and nearly true from seed. Many colors. 3 to 4 ft. Pkt. 25 cts.

Cactus, Double Large-flowering Hybrids. These only come partly true from seed, the balance however, being high-grade single varieties. 3 ft. Pkt. 25c.

Cactus, Single-flowered. From a fine collection. Pkt. 10 cts.

Giant Semi-Double. A superb new class with a good percentage of huge semi-double flowers, splendid colors. Flowers are said to attain 8 inches in diameter. 3 to 4 ft. Pkt. 10 cts.

Gloriosa. A variable double form, individual plants even producing flowers differing from each other in size, form and color. Pkt. 10 cts.

Colossal, Double. The new Pæony-flowered varieties, producing immense double and semi-double pæony-shaped flowers with a proportion of single flowers. Pkt. 25 cts.

Lucifer. Brilliant single dark scarlet flowers, foliage very dark. 2½ ft. Pkt. 25 cts.

Collar, Single-flowered. Varieties of novel form. The many brilliant flowers have a collar of small quilled petals surrounding the disc and as these petals differ in color from body of flower, fine contrasts are produced. 3 ft. Pkt. 10 cts.

Single Mixed. A fine strain of large flowers in many colors. Pkt. 5 cts.

DATURA

Cornucopiae (Thorn Apple, or Trumpet Flower). **HHA.** This is a very sweet-scented double form having two cones, one within the other, interior white, exterior violet or purple. 1½ ft Pkt. 5 cts.

Fastuosa colossea alba plena. Three cones, one within the other. Fine plants for pots or the border. Very fragrant. 2 ft. Pkt. 10 cts.

Fastuosa colossea aurea plena. Same as the preceding only double orange. Pkt. 10 cts.

Cyclamen giganteum

DELPHINIUM (Larkspur)

HA and HP

The name Larkspur is usually applied to the annual class of Delphiniums. These form very showy bedding plants that bloom freely during the summer months. Their flowers are very bright, mainly shades of blue, purple, rose, violet and white. They are durable and are elegant for cutting. The seedlings should be thinned out early to secure the fine branching habit now common to most of the strains offered.

ANNUAL DELPHINIUMS

Dwarf Double Rocket. These are among the first to flower. Very choice strain, tints of blue, lilac, violet, rose, white and mixed. Fine for bedding. 1 ft. Pkt. 10 cts., oz. 50 cts.

Tall Double Rocket. Fine mixed. Many shades. 2 ft. Pkt. 5 cts., oz. 25 cts.

Giant Hyacinth-flowered. Fine mixed, about eight colors; fine double flowers. These flower shortly after the Double Rocket and Stock-flowered varieties. 2 ft. Pkt. 5 cts., oz. 25 cts.

Tall Ranunculi-flowered. Very free. Flowering just after the Dwarf Rocket varieties. 2 ft. Pkt. 5 cts., oz. 25 cts.

Dianthus plumarius

DELPHINIUMS, continued

Tall Double Stock-flowered. Tall branching. These are early varieties; fine for borders or among shrubs and useful for cutting. Beautiful shades. 2½ ft. Pkt. 5 cts., oz. 30 cts.

Tall Double Stock-flowered, Rosy Scarlet. A superb carmine-rose, with a scarlet tinge. Pkt. 10 cts.

Double Dwarf Emperor. Numerous erect branches with bold spikes of large flowers, blooming after the preceding class. Pkt. 5 cts., oz. 30 cts.

Cardiopetalum. A fine violet shade; dwarf. Pkt. 10 cts.

PERENNIAL DELPHINIUMS

These when established form most stately plants that bloom throughout July, August and September. Magnificent blues predominate, although other attractive colors are not wanting. The entire list will bloom the first season from early sown seed. July and August are good months for outdoor sowing. Flower spikes that have lost their beauty should be removed promptly, promoting additional bloom.

Brunowianum. Musk-scented; a distinct lovely blue-flowered variety. 3 ft. Pkt. 25 cts.

Cardinale. This is an elegant variety; scarlet flowers, yellow center. 3 ft. Pkt. 25 cts.

Cashmerianum. Pale to deep blue flowers, dwarf branching habit; distinct. 1½ ft. Pkt. 15c.

Larkspur

Elatum. A distinct new creamy white variety of Elatum, said to have a good constitution. Pkt. 10 cts.

Formosum. Dark blue, with white eye. A popular variety. 2½ ft. Pkt. 10c.

Formosum coelestinum. One of the most lovely blues. A celestial color. 2½ ft. Pkt. 15 cts.

Formosum grandiflora. A new velvety indigo-blue. Very large flowers, 2 inches and over. 3 to 4 ft. Pkt. 10 cts.

Grandiflorum (Chinese Larkspur). Pale to deep blue colors. Pkt. 5 cts.

Grandiflorum album. A nice pure white that comes very true from seed. Pkt. 5 cts.

The above are all free-flowering varieties that are extremely useful for bedding and for cutting. 2 ft.

Nudicaule. A handsome scarlet-flowered species from California, flowers early and freely, but is more delicate than preceding varieties and should receive protection over winter. 1½ ft. Pkt. 25 cts.

Kelway's Hybrids. From choice show varieties. A noted strain. Pkt. 25c.

Kelway's Choice Show Mixed. Saved from named varieties. Pkt. 25c.

Double-flowering Hybrids. Best double-flowering varieties from a rich collection. 3½ to 4 ft. Pkt. 25 cts.

DIANTHUS (The Divine Flower)

Under this heading we group all of the numerous Single and Double Pinks, Sweet Williams, Carnations, etc. Many beautiful additions have been made to the family in the past few years. They all come quite true from seed, and in case of double-flowered strains a fair proportion are semi-double and double. The rich coloring, with the varied form and fringing of petals common to many varieties, render them very attractive. They are all useful for bedding and all serviceable for cutting. The annual Pinks may be sown in autumn or spring. An adornment to every garden in the summer.

Dianthus

DOUBLE ANNUAL PINKS

CHINA, or **INDIAN PINKS** (*Dianthus Sinensis*). Flowering from early summer to fall, strong, sturdy growers suitable for beds and borders.

Double Dwarf Rose. A charming rose variety, nice for edging, etc. 1 ft. Pkt. 10c.

Double White. A fine free-flowering double white, quite true from seed. 15 to 18 in. Pkt. 5 cts., ¼oz. 15 cts.

Double Mixed. In fine colors. Pkt. 5 cts., ¼oz. 15 cts.

JAPANESE PINKS (*D. Heddewigii* and Varieties). A beautiful class of sturdy-growing plants 10 to 12 inches high and of same width, handsome marbled and mottled flowers, 2 inches and over in diameter.

Double Fireball. A dwarf bedding variety with blood-red flowers. Pkt. 5c., ¼oz. 25c.

Double Mourning Cloak. Dark velvety crimson, margined white. Pkt. 5 cts., ¼oz. 25 cts.

Double Purity. Snow-white, clove-scented, beautiful for cutting. A fine pot-plant and excellent for beds. 1 ft. Pkt. 10 cts.

Double Finest Mixed. Double varieties. Pkt. 5 cts., oz. 75 cts.

Double Fringed, Marvelous Pink. A very large and beautifully fringed flower, rich and varied and elegant for cutting. Pkt. 10 cts.

Double Fringed, Salmon King. A new variety; a double Salmon Queen. Salmon-rose to deeper shade. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Double Fringed Pinks. A choice mixture. Pkt. 5 cts., oz. 75 cts.

DOUBLE ANNUAL PINKS, continued

Fringed Snowball. Very fine snow-white flowers; splendid for cutting. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Diadem Pinks (*D. Heddewigii diadematus*) Very large showy flowers, beautifully marked and flaked. Splendid mixed. Pkt. 5 cts., ¼oz. 25 cts.

Marguerite Carnation

White Diadem. Elegant double form for cutting. Pkt. 10c.

Diadem, Count Kerchove. Dark blood-red petals, each marked with velvet-black. Free and continuous bloomer. 75 per cent true. Pkt. 10c.

Imperial Pinks (*D. Imperialis fl. pl.*). These have a wide range of showy colors and are profuse bloomers. Fine for beds. Superb mixture. Pkt. 5 cts., ¼oz. 15 cts.

Royal Pink (*D. Heddewigii nobilis*). A beautiful class for cutting, flowers large, on long stems and very double. Colors range from white to rose and scarlet to blood-red. 1¼ ft. Pkt. 10 cts.

SINGLE ANNUAL PINKS

Chinese, or **Indian Pink.** A fine mixture of this favorite; large flowers in many colors. Pkt. 5 cts., ¼oz. 15 cts.

Japanese Pinks, Crimson Belle. Large, handsome flowers. Pkt. 5 cts., ¼oz. 25 cts.

Japanese Pinks, Eastern Queen. Flowers marbled rose and white. Varies somewhat. 1 ft. Pkt. 5 cts., ¼oz. 25 cts.

Japanese Pinks, Mixed. Pkt. 5 cts., ¼oz. 20 cts.

Fringed Marvelous (*D. Heddewigii laciniatus mirabilis*). Very beautifully fringed flowers, rich and varied in color and fine for cutting. Pkt. 5 cts., ¼oz. 25 cts.

Fringed Mephisto. Several shades of salmon, margined dark brown. Fine. Pkt. 10 cts.

Fringed Salmon Queen. A very large single Pink, salmon-rose to deeper shades. 1 ft. Pkt. 5 cts., ¼oz. 25 cts.

Fringed Vesuvius. A brilliant orange-scarlet, the most intense colored of all the Pinks. Pkt. 10 cts., ¼oz. 40 cts.

Fringed Princess Pink (*D. Heddewigii laciniatus punctatus*). Striped and blotched with various colors beautifully fringed; distinct. Pkt. 10 cts., ¼oz. 40 cts.

Fringed Fine Mixed. Many beautiful bright colors; flowers deeply fringed; extra-fine. Pkt. 5 cts., ¼oz. 15 cts.

Royal Pink (*D. Heddewigii nobilis*). Grand new early-flowering Japanese Pinks. Very large flowers, petals fringed and crimped. Blood-red to rose, carmine-pink, and occasionally white in color. 1¼ ft. Pkt. 5 cts., ¼oz. 15 cts.

Star Pink (*D. stellatus*). New star-shaped flowers in many brilliant colors, freely produced from summer to fall. ¾ ft. Pkt. 10 cts.

Superbissimus. A lovely strain. Very large flowers of varied colors with crested surface to petals and white throated. Of a charming appearance. The largest and finest flowered strain for cutting. Pkt. 10 cts.

HARDY GARDEN PINKS

Very much in demand for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy refreshing odor.

Double White Clove Pink, Mrs. Sinkins (*D. plumarius fl. pl.*). A beautiful white variety, very double, sweet and nice for cutting. 1 ft. Pkt. 25 cts.

Double Red Clove Pink, Homer. Fine double dark rose, crimson center. 1 ft. Pkt. 25 cts.

Double Dwarf Clove Pinks. New class, fringed flowers, two weeks ahead of others. Sweet mixed. ¾ ft. Pkt. 25 cts.

Florists' Perpetual Pink (*D. plumarius semperflorens*). These are everblooming garden Pinks in many colors, single, semi-double and double-flowered. Very sweet and entirely hardy. 1 ft. Pkt. 10 cts., ¼oz. 50 cts.

Cyclops Hybrids (*D. plumarius semperflorens ruber*). New everblooming hybrids in charming shades of red and rose. Large fragrant flowers. 1 ft. Pkt. 25 cts.

Single Pheasant's Eye Pink (*D. plumarius*). Many-colored fragrant flowers, nicely fringed. Pkt. 5 cts., ¼oz. 15 cts.

Double Finest Mixed. Pkt. 10 cts., ¼oz. 25 cts.

HARDY GARDEN PINKS, continued

Single Maiden's Pink (*D. deltoides*). **HP.** A neat plant for edging; rosy purple. ½ ft. Pkt. 10 cts.

BARBATUS ANNUUS (Annual Sweet William). **HB°.** A new strain that flowers the first season. Mixed colors. May be sown in March. ¾ ft. Pkt. 10 cts.

Double Sweet William. HB. Double fine mixed. 50 per cent of finely colored double flowers. 1½ ft. Pkt. 5 cts., ¼oz. 25 cts.

Single Sweet Williams. Single fine mixed. 1½ ft. Pkt. 5c., oz. 30c.

Single Sweet William, Holborn Glory. Large handsome flowers brilliant in color; with white eye and white edge. 1½ ft. Pkt. 10 cts., ¼oz. 25 cts.

Single Sweet William, Pink Beauty. Improved fine deep pink. Pkt. 25 cts.

Single Sweet William, White. Pure white; very nice. 1½ ft. Pkt. 5 cts., ¼oz. 30 cts.

LATIFOLIUS ATROCOCCINEUS FL. PL. (The Everblooming Sweet William). **HP°.** A very rich crimson flower, double and blooming freely and continually. Makes a nice spring pot plant. Is a cross between an annual Pink and a Sweet William. Pkt. 10 cts.

DIANTHUS CARYOPHYLLUS

(Carnations and Picotees) HP°

These, while belonging to the hardy perennials, may nearly all be flowered the first season by sowing early. Seedlings possess great vigor and as a rule produce more bloom than plants from cuttings.

Early-flowering Dwarf Vienna. Extra-fine mixed. Good for bedding or cutting. Pkt. 10 cts.

Early-flowering Grenadin. Sixty to 70 per cent double scarlet flowers; dwarf and very early, nice for bedding. Pkt. 25 cts.

Early-flowering French Chabauds. Highest percentage of double flowers of finest quality, blooming five to six months after sowing. Pkt. 25 cts.

Early-flowering Giant Margaret, or **Malmaison.** A splendid mixture from largest flowers. February-sown seed will flower in July. Fine for cut-flowers. 1 ft. Pkt. 10 cts., ¼oz. 50 cts.

Early-flowering Semi-dwarf Margaret. Valuable cut-flower varieties, sweet-scented and bloom from July to frost, from February-sown seed. Rich colors. 1 ft. Pkt. 10 cts., ¼oz. 40 cts.

Early-flowering White Margaret. Very double pure white for cutting. 1 ft. Pkt. 10 cts., ¼oz. 40 cts.

Tree, or **Perpetual Riviera Market,** or **Giant of Nice. HP°.** A grand strain of the largest-sized and richest-colored flowers, on long stiff stems. February-sown seed will flower in September. 2 ft. Pkt. 25 cts.

PICOTEES. HP. White and yellow ground flowers with edge or margin of flower overlaid with a solid color, sometimes feathered toward the center. About 60 per cent double from seed Pkt. 25 cts.

DIASCIA

Barberae. HHA. Bright rose, profuse and fine for cutting. 1 ft. Pkt. 25c.

Barberae aurea. An orange colored variety. This and preceding are unusually free-flowering. Introduced from South Africa. The flowers are about ¾ inches across and have two spurs. Very nice. 1 ft. Pkt. 25 cts.

DICTAMNUS Caucasicus (Burning Bush). **HP.** A giant form of the old-time Fraxinella. Large rosy purple flowers and fragrant foliage. Pkt. 25 cts.

DIGITALIS

(Thimble Flower, or Foxglove) HP°

These are beautiful perennials for the border, etc., and some are elegant pot-plants, blooming very readily in 4-inch pots in spring. For this purpose seed should be sown in August and grown on slowly during the winter.

Grandiflora. A beautiful dwarf chrome-yellow. 3 ft. Pkt. 5c., ¼oz. 20c.

Lanata. Very pretty small white flowers netted crimson and brown inside. 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Purpurea gloxinaeflora. Large-flowered varieties mixed. 3½ to 4 ft. Separate colors: **Purple, Rose** and **White.** Each, pkt. 5 cts., ¼oz. 20 cts.

Digitalis

DIGITALIS, continued

Purpurea maculata superba, Mixed. A very choice strain of spotted flowers. Pkt. 10 cts., ¼oz. 25 cts.

Purpurea monstrosa. A charming and unique strain, the beautiful spikes of flowers are topped by one very large cup-shaped flower. The lateral shoots frequently produce these extra-large flowers. They are very nice for cutting, particularly the pure white, and form beautiful pot-plants; colors are white, lilac, light purple, and some approaching pink. Pkt. 10 cts., ¼oz. 25 cts.

DIMORPHOTHECA

Aurantiaca. A wonderfully free-flowing plant from South Africa that has proved itself worthy of its many tributes of praise. It begins flowering in small pots six weeks after sowing and forms a nice pot-plant. In the garden it is a continual sheet of bloom; faded flowers must be sustain vigor. About August 1 a mulching of manure will assist new growth and succession of flowers. The many-petaled flowers are deep orange or ochre-yellow with a black zone at base and a small brown disc. ½ to ¾ ft. Pkt. 25 cts.

Ecklonis. Distinct from above in habit and character. Very bushy Sweet Sultan-like plants with white daisy-like flowers with dark lavender disc and reverse of petals tinged blue. Not so early or free as foregoing. Pkt. 25 cts.

DOLICHOS

Burpee's Bush. HA. A dwarf bushy plant with long upright spikes of pea-shaped flowors. 1 ft. Pkt. 5 cts., oz. 25 cts.

Tall Hyacinth Bean, Darkness. Both stems and under sides of foliage purplish red. The numerous spikes of reddish purple pea-like flowers are succeeded by showy seed-pods. 8 to 10 ft. Pkt. 5 cts., oz. 25 cts.

Tall Hyacinth Bean, Daylight. Flowers freely from the ground up, pure white flowers and ornamental white pods 8 to 10 feet. Vine. Pkt. 5 cts., oz. 25 cts.

Tall Hyacinth Bean, Iridescent. A quick, strong-growing variety. Spikes of pinkish lavender flowers. The seed-pods are light green shaded rose, 5 to 6 inches long. 10 to 15 ft. Pkt. 5c., oz. 25c.

ECHEVERIA imbricata. HHP. A plant particularly nice for pots, being in flower the season through. Waxy carmine-red flowers. Also suitable for beds. 1 ft. Pkt. 25 cts.

ECHINACEA

Helianthus. HP°. The so-called Red Sunflowers vary from 4 to 10 inches in diameter, on 18- to 30-inch stems, and are excellent for cutting. 5 ft. Pkt. 10 cts.

Purpurea hybrida. HP°. These will flower first season if sown early, but only show full character the second year. A grand strain of flowers, flesh to deep purple, terra-cotta, salmon, etc. 4 ft. Pkt. 10c.

ERIGERON (Flea-bane) HP

Charming summer-blooming plants with daisy-like flowers, all readily grown from seed.

Aurantiaca hybrida (The Orange Daisy). **HP.** Numerous large flowers in various shades of orange-yellow; pretty. 1 ft. Pkt. 10 cts.

Coulteri. Large white flowers, yellow disc. Fine for cutting. Pkt. 10 cts.

Hybrida roseus. Very showy rose to pink flowers. Dwarf. For cutting or bedding. ¾ ft. Pkt. 25 cts.

Speciosa hybrida grandiflora. HP°. Vary from blush-white and pale mauve to the deepest blue. Some narrow petaled, other fringed and mainly semi-double flowers. June to Sept. 2½ ft. Pkt. 25c.

Lawn Grass Seed. If you desire a perfect lawn, use our EVERGREEN LAWN SEED. See inside of back cover for directions.

Eschscholtzia

ERYNGIUM

Maritimum. HP. Broad deeply cut pale blue foliage and blue flowers. Dwarf and spreading. The true Sea-Holly. 1 ft. Pkt. 10c.

Pandanifolium. HP. Ornamental Pandanus-like foliage. 3 ft. Pkt. 10 cts.

ESCHSCHOLTZIA

(California State Flower; California Poppy) HB°

Very brilliant flowers that are produced in great numbers. They may be sown in spring, although fall sowing will give better results. 1 ft.

Single-flowered Mixed. Extra-fine. Pkt. 5 cts., oz. 25 cts.

Golden West. Very large lovely yellow flowers, with orange blotch at the base of petals. Pkt. 5 cts., ¼oz. 15 cts.

Mikado. Bright orange-crimson. Pkt. 10c.

Rose Cardinal. Dark rose exterior, inside blush. 1 ft. Pkt. 5 cts., ¼oz. 15 cts.

Double Rose. Very good semi-double flowers. Nice for bedding, or for massing. A good percentage true from seed. 1 ft.

White. Pkt. 10 cts.

Yellow. Pkt. 10 cts. **Mixed.** Pkt. 5 cts., ¼oz. 15 cts.

EUCALYPTUS

Citriodora. Greenhouse shrub with fragrant lemon-scented foliage. Pkt. 25 cts.

Cordata. Forms an elegant pot-plant and nice for bedding; foliage small and glaucous. Pkt. 25 cts.

Filicifolia. The scarlet-flowered Gum. A fine pot-plant, bearing in a young state fiery scarlet flowers. 3 ft. Pkt. 25 cts.

EUPHORBIA

Variegata (Snow-on-the-Mountain). Robust grower, foliage margined and veined white. 2 ft. Pkt. 5 cts., oz. 30 cts.

Heterophylla (Mexican Fire Plant). The heads of this plant take on scarlet tints about midsummer and form brilliant objects. Also cuts for decorative purposes. 2 to 3 ft. Pkt. 10 cts.

EXACUM

Affine. TB. This is a dwarf greenhouse plant with sweet-scented lilac flowers. ¾ ft. Pkt. 50 cts.

Maranthum. Flowers twice as large as the preceding. Violet with golden anthers. Treat these as gloxinias. 1½ ft. Pkt. 50 cts.

EVERLASTINGS

For convenience we have grouped here plants prized for their everlasting or straw flowers. They are also valuable as border plants.

ACROCLINEUM alba fl. pl. HHA. Graceful double rose flowers. 1 ft. Pkt. 5 cts.

Rosea. HHA. White flowers. 1 ft. Pkt. 5 cts.

AMOBIUM alatum grandiflorum. HHP. Clusters of pure white flowers. 2 ft. Pkt. 5 cts.

CATANANCHE coerulea. HP. Pale violet, darker center. Pkt. 5c.

Coerulea bicolor. HP. White flowers, dark center. Pkt. 5 cts. Both varieties nice for bedding.

Helichrysum

GOMPHRENA globosa Mixed. Flesh rose, purple and white. Known as Globe Amaranth. Very neat for pots. 1½ ft. Pkt. 5 cts.

HELICHRYSUM monstrosum, Pink Beauty. Elegant double salmon-pink. Nice for cutting. 1½ ft. Pkt. 5c.

Fireball. Large double fiery crimson flowers. 1½ ft. Pkt. 5 cts.

Large-flowering. Double dwarf splendid mixed. About six colors. 1¼ ft. Pkt. 5 cts.

RHODANTHE Manglesi. Bright rose, very charming and particularly neat in pots in the spring. Three or more plants should be potted together as foliage is small. 1 ft. Pkt. 5 cts.

White. A pure white that is equally handsome as a pot-plant. 1½ ft. Pkt. 5c.

EVERLASTINGS, continued

STATICE Bonduelli. Very attractive bright yellow flowers, valuable for drying. Pkt. 5 cts.
Sinnata hybrida. Various colors on fine stems 12 inches long. Dwarf. Pkt. 5 cts.
Sinensis. HP. A very graceful white and pale yellow flowered variety. 1½ ft. Pkt. 5 cts.
Xeranthemum annum. Very nice for summer cutting or for winter bouquets. Double, white, rose, purple and mixed. Pkt. 5 cts.

One packet of each of twelve Everlastings for 40 cts.

FERN SPORES

Fine Mixed Greenhouse Varieties. Pkt. 25 cts.
Open Ground Species, Mixed. Pkt. 25 cts.

FRANCOA **Ramosa hybrida** (Bridal Wreath). **HP.** An improved form with pure white flowers on very long spikes; very nice for cutting and a fine decorative plant. 2½ ft. Pkt. 25 cts.

FUCHSIA

President Goselli. TP. Easily grown from seed and flowering the first season, foliage tinged red in spring. Clusters of long drooping flowers. Pkt. 25 cts.
Procumbens. A winter-flowering variety, very suitable for baskets, etc. The flowers are succeeded by carmine-red berries. Pkt. 25 cts.
Triphylla. An abundance of small scarlet flowers, dark leaved. Pkt. 25 cts.
Double and Single Varieties. In fine mixture. Pkt. 50 cts.

GAILLARDIA

These are annuals and perennials that will all bloom freely from spring-sown seed. Their coloring is gorgeous and they are indispensable for bedding and cutting. The faded flowers should be removed promptly as they invariably seed and thus become a drain on the plant.

Amblydon. HHA. Large, single salmon-red flowers, deep crimson center. Very showy and nice for cutting. 2 ft. Pkt. 5c., ¼oz. 15c.
Picata (Drummondi). Single-flowered fine mixture of colors. 1 ft. Pkt. 5c., ¼oz, 15c.
Lorenziana, Double Finest Mixed. Beautiful colors, flowering from midsummer to frost; fine for bedding or cutting. 1½ ft. Pkt. 5 cts., ¼oz. 15 cts.
Lorenziana rubra. Fine red shades. Pkt. 10 cts.
Grandiflora compacta. HP°. Fine compact plants, blooming freely, flowers scarlet, margined yellow. ¾ ft. Pkt. 10 cts.
Grandiflora oculata. HP°. New light shades with red centers; very fine hybrids. Pkt. 10 cts., ¼oz. 25 cts.
Grandiflora semi-plena. HP°. New light shades. Superb varieties. Very large flowers, varying from light to deep yellow, tinged wine-red; semi-double. 1½ ft. Pkt. 10 cts., ¼oz. 25 cts.
Grandiflora folia-aureo variegated. HP°. Golden variegated foliage; very fine. 50 per cent true from seed. Pkt. 25 cts.
Kelway's Hybrids. HP°. Nothing finer to be had than this beautiful strain. Pkt. 25c.

Gladioli

Geranium

Gaillardia

GALEGA officinalis carnea fl. pl. HP. Clusters of double pink, pea-shaped flowers. Very pretty and nice for cutting. 2 ft. Pkt. 10 cts.

GAURA Lindheimeri. HP°. Very useful plants from March sowing will flower from July to fall. Long graceful sprays of white flowers good for cutting. 2 ft. Pkt. 5 cts.

GAZANIA splendens, New Hybrids. HHP°. Named Treasure-flower in allusion to the wealth of color displayed. They are very useful for bedding or form elegant pot-plants for greenhouse. The many-petaled daisy-like flowers are creamy white, creamy white and chrome-yellow, chamois and dark orange, lilac and primrose, etc. Verbena-like habit of growth. Treat as portulaca. ¾ ft. Pkt. 25 cts.

GENTIANA acaulis (Gentian). **HP.** A very dwarf plant used for edging. Most lovely blue. 1 to 3 ft. Pkt. 10 cts.

GERANIUM HHP°

Are readily grown from seed and will flower early in spring from seedlings.

Large-flowered Show, or **Lady Washington.** Dwarf varieties. A fine new strain. 1 ft Pkt. 25 cts.
Zonale, or **Bedding, Single.** Finest varieties mixed. 1½ ft. Pkt. 10 cts.
Zonale, or **Bedding, Double.** Large percentage of double flowers; finest strain. 1½ ft. Pkt. 50 cts.
Apple-scented. Very refreshing odor. A nice pot-plant. ¾ ft. Pkt. 25 cts.
Grandiflorum. HP. A beautiful ultra-marine blue. Large flowers from May onward. Dwarf. 1 ft. Pkt. 25 cts.

GERBERA **Jamesoni** (Transvaal Daisy). **HHP.** Large orange-scarlet daisy on long stems. 1½ ft. Pkt. 25 cts.

GEUM

Coccineum. HP. Extremely showy and free-flowering. Single orange-scarlet. 2 ft. Pkt. 5c.
Atrosanguineum. HP. Large double scarlet. Valuable for cutting. Both are fine border plants. 2 ft. Pkt. 10 cts.

GILIA (Phlox-worts)

These are free-blooming annuals that thrive almost anywhere, are good bedding plants and nice for cutting.

Achillaefolia. Blue, rose and white mixed. 1½ ft. Pkt. 5 cts.
Dianthoides. A California annual 1½ feet high, smothered with large flowers of several shades of lilac and purple to nearly white. A lovely carpet plant. Pkt. 15 cts.
Minima coerulea. Free-flowering dwarf blue variety, for edging. ½ ft. Pkt. 10 cts.
Coronopifolia. A distinct HHB. Very nice finely cut foliage, flowers tubular-shaped and of various orange-scarlet shades. 3 to 4 ft. Pkt. 25 cts.

GLADIOLUS Praecox. Early sown seed will bloom during the summer and quite a number will mature seeds. Flowers are upright and measure 4 to 5 inches across. Pkt. 25c.

GLAUCIUM

Corniculatum (Horned Poppy). **HB**. Large orange-red flowers, with black spots at base of petals. Very showy. 2 ft. Pkt. 5 cts.

Flavum tricolor. HP. A new Horned Poppy of orange-scarlet color with black and yellow markings in center. 2 ft. Pkt. 10 cts.

GLOXINIA

Tender perennials which may be flowered in six months from seed. The foliage of the newer introductions is also very handsome and ornamental. We offer the choicest strains obtainable.

Hybrida grandiflora crassifolia erecta. Superb mixture of erect-flowered varieties. Pkt. 25 cts.

Hybrida grandiflora imperialis Emperor gloxinias. These are entirely distinct in foliage. The leaves are soft and flexible, brownish red in color with very prominent white veins, the reverse side purple, being very decorative in this stage. The flowers are erect, vivid in coloring and produced in quantity. A superb mixture consisting of dark red, rose, white throated, white, dark violet, violet, light throated, etc. Pkt. 50 cts.

GUNNERA

Manicata. HP. Very imposing decorative plants for lawns, etc. Parasol-like foliage. Under favorable conditions they may be grown 15 feet or more in diameter and 10 feet high. Pkt. 25 cts.

Scabra. HP. Has immense rhubarb-like foliage which attains a size of 5 feet. Stalks are acid and edible rivaling the preceding variety. Pkt. 25 cts.

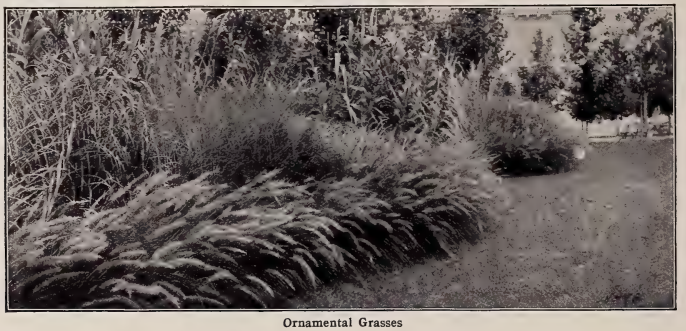
GYPSOPHILA

Baby's Breath. Annuals and perennials that will flower the first season. All have graceful panicles of small flowers that are elegant for cut-flower purposes. Pkt. 5 cts.

Elegans carminea. A splendid carmine-rose, much brighter than the old Rosea. Immense number of lovely blooms, with smallness of foliage renders this invaluable for cutting. 1 ft. Pkt. 25 cts.

Elegans grandiflora alba. An improved large-flowered white form. Pkt. 5 cts.

Paniculata. HP. The perennial variety that is easily grown from seed, equally useful for cutting, and a fine border plant. Branches may be used for winter bouquets. 3 ft. Pkt. 5 cts., ¼oz. 15 cts.



Ornamental Grasses

GODETIA

These are very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to October. Plant about one foot apart.

Bridesmaid. Very large rose flowers, edged and centered white. 1½ ft. Pkt. 5 cts., ¼oz. 15 cts.

Crimson Glow. A splendid free-flowering compact variety, blood-crimson. ¾ ft. Pkt. 10 cts., ¼oz. 30 cts.

Duchess of Albany. Compact, large satiny white flowers in pyramidal clusters. ¾ ft. Pkt. 5 cts., ¼oz. 15 cts.

Duke of York. Rich glittering blood-red, white center, grand for beds, borders and clumps. 1 ft. Pkt. 5 cts., ¼oz. 15 cts.

Rosamond. Vivid rose, white center. ¾ ft. Pkt. 10c., ¼oz. 30c.

Whitneyi. Brilliant, compact, intense glowing crimson, rose-white center. ¾ ft. Pkt. 5 cts., ¼oz. 15 cts.

Double Rose. A beautiful rose variety for cutting. If cut in bud form will develop in water and last for a week. 1½ ft. Pkt. 10 cts., ¼oz. 30 cts.

Semi-dwarf Varieties. In finest mixture. Pkt. 5c., ¼oz. 15c.

GOURDS. These are mainly tender and half-hardy annuals that are useful for covering verandas, arbors, etc. They are rapid-growing and their fruits very ornamental. **Anguinus, Angora, Apple, Bell, Bishop's Hat, Bottle, Crookneck, Dipper (Dishrag, or Sponge), Gooseberry, Hedgehog, Hercules' Club, Lemon, Nest Egg, Onion, Orange, Pear, Pomegranate, Powder Horn, Perennial, Serpent, Sugar-trough, Turban-green, Turban-red, Turban Striped, Umbrella, Vine-peach.** Each, pkt. 5 cts., oz. 25 cts.

GREVILLEA robusta (Silk Oak). A very handsome pot-plant, useful also for nice outdoor effect. Nice plants can be grown in a few months. Insert seed edgewise to insure germination. Pkt. 10 cts., ¼oz. 75 cts.

Ornamental Grasses

Specimen plants, clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with Everlasting Flowers for winter bouquets, decorations, etc.

ANNUAL

AGROSTIS Nebulosa. Elegant feathery. 1¼ ft. Pkt. 5 cts.

AVENA sterilis (Animated Oats). Drooping heads. 4 ft. Pkt. 5c.

BRIZA maxima. The larger Quaking Grass. 1½ ft. Pkt. 5 cts.

Minima gracilis. The small Quaking Grass. Very graceful. 1 ft. Pkt. 5 cts.

BROMUS brizaeformis. HP. Very decorative. 2 ft. Pkt. 5 cts.

CHLOROPSIS Blanchardiana. HP. A handsome new Grass with rosy spikes, bottle-brush-like. 2 ft. Pkt. 5 cts.

COIX Lachrymae (Job's Tears). The curious seeds are used as beads. 1½ ft. Pkt. 5 cts., oz. 15 cts.

Lachrymae aurea zebrina. The foliage is golden striped. 1½ ft. Pkt. 5 cts.

ERAGROSTIS elegans (Love Grass). Very beautiful. Nice for Sweet Pea bunching. 1½ ft. Pkt. 5 cts.

ISOLEPIS gracilis. TP. This is the neat pendent Grass universally used for greenhouse edging, etc. Also nice for baskets and boxes. Pkt. 25 cts.

LAGURAS ovatus (Hare's Tail Grass). Small white spikes. 1½ ft. Pkt. 5 cts.

PANICUM plicatum. HHP. A fine Grass for pots. 2 ft. Pkt. 5c.

TONSUM. One of the nicest Grasses for cutting. Pkt. 5 cts.

PENNISETUM longistylum. Graceful greenish white plumes. Pkt. 5 cts.

Rupellianum (Purple Fountain Grass). Handsome purple spikes. 2½ ft. Pkt. 5 cts.

ANNUAL GRASSES, continued

SETARIA alopecuroides. HHA. Long drooping golden seed-heads. Very fine. 2 ft. Pkt. 5c.

TRICHOLAEANA rosea. Tinged rose; lovely for vases, etc. 2 ft. Pkt. 5 cts.

ZEA-MAIZE. HHA. All very decorative and are splendid objects on the lawn or in the border, in groups or isolated. As only a percentage of the variegated varieties come true, it is advisable to start in pots and select those showing variegation.

Caragua. A Chilian variety of gigantic growth and graceful appearance. 12 to 15 ft. Pkt. 5c.

Gracillima fol. var. (Miniature Variegated Maize). White stripes on deep green ground. Very handsome. 4 ft. Pkt. 5 cts.

Gracillima pumila Zebrina. Compact plants with beautifully variegated leaves. 3 ft. Pkt. 5 cts.

Japonica quadricolor gigantea. Has beautiful marginal variegation of white, which gradually turns to rosy pink, at base of leaves; the variegation covers three-fourths of leaf, and stalk is also white. 6 ft. Pkt. 5 cts.

Japonica quadricolor perfecta. Dwarfer and bushier than the preceding and coloring more intense. Very good for beds and for pots. 4 ft. Pkt. 10 cts.

Japonica variegata. Elegant rich green foliage with silvery white stripes. A fine decorative variety. 4 ft. Pkt. 5 cts.

The collection of 25 varieties for $1

HARDY PERENNIALS

ANDROPOGON argenteus. A fine border plant with silvery plumes. 5 ft. Pkt. 10 cts.

ARUNDO Donax Var. (The Variegated Giant Reed.) Fine for groups. 12 ft. Pkt. 10 cts.

ERIANTHUS Ravennae. HHP. Fine silvery plumes. Violet shaded foliage. 9 ft. Pkt. 5 cts.

EULALIA Zebrina. Leaves barred, yellowish white. 4 ft. Pkt. 5c.

GYNERIUM argenteum (Pampas Grass). Graceful for borders, beautiful silvery plumes. 8 to 10 ft. Pkt. 5 cts.

Argenteum fol. var. Beautiful orange variegated foliage. 8 to 10 ft. Pkt. 10 cts.

STIPA pennata (Feather Grass). Silvery white feathery plumes. 2 ft. Pkt. 5 cts.

HELENIUM autumnale superbum (Sun Bride). A free golden yellow September flowering species. Very useful for cutting. 6 ft. Pkt. 10 cts.

Sunflower

Helianthus cucumerifolius, Perkeo. A very neat dwarf variety growing about 1 foot high and a diameter of 12 to 14 feet, flowers for a long period. Bright yellow, dark center. Nice for pots or bedding. Pkt. 10 cts., ¼oz. 30 cts.

Cucumerifolius, Double. Star-shaped; twisted petals; cactus dahlia-like. Pkt. 10 cts.

Cucumerifolius, Hybrids. An English strain containing at least thirty different types; some resemble single cactus dahlia with light and dark centers, color varies from richest yellow to almost white; petals vary in shape and flower, are single and semi-double. Pkt. 10 cts.

Perennial Mixed. Many varieties. Beautiful plants for borders, etc. 3½ to 6 ft. Pkt. 10c., ¼oz. 50c.

Maximilian. A tall, strong-growing species, large yellow flowers from June to frost. 5 ft. Pkt. 10c., ¼oz. 30c.

Multiflorus. (1,000-flowered.) Branches covered with golden yellow double flowers. 8 ft. Pkt. 5 cts., oz. 30 cts.

Tigridus (Prairie Sunflower). Small nice yellow flowers, prized for late cutting. 4 feet. Pkt. 10 cts.

HELIOPSIS Pitcheriana.. HP. Deep golden yellow flowers, produced throughout the summer. 3 ft. Pkt. 10 cts.

HELIOTROPE

Lemoine's Giant Hybrids. TP°. Flowers vanilla-scented, very free-flowering and colors range from white through violet and blue. 1½ ft. Pkt. 10 cts.

Midnight. Very dark foliage, stems black, flowers a lovely purple, variegated with white and light purple. Pkt. 10 cts.

HESPERIS matronalis (Sweet Rocket). **HP.** Very nice free-blooming plant for borders or among shrubbery. Mixed, white, lilac and purple. 2 ft. Pkt. 5 cts.

HEUCHERA

Sanguinea maxima. HP. A greatly improved Sanguinea, more vigorous in growth. Flowers are larger and more freely produced. Deep crimson. 1½ ft. Pkt. 25 cts.

Sanguinea hybrida grandiflora. HP. Beautiful new varieties in very fine mixture, are easily grown from seed and do well in almost any soil. Many shades of pink, rose, crimson and creamy white. Beautiful for cutting. 1½ ft. Pkt. 25 cts.

HIBISCUS

Africanus major (Black-eyed Susan). Cream-colored flowers, rich brown center and golden stamens. 1½ ft. Pkt. 5 cts.

Crimson-Eye. HHP. Large pure white flowers, with a velvet-crimson center. 4 ft. Pkt. 10 cts.

Golden Bowl. HHP. Large cup-shaped cream-yellow flowers with a rich maroon center. An early and continuous bloomer. Pkt. 10c.

Manihot. HHP. Will flower the first season from early sown seed. Large soft yellow flowers, crimson-maroon eye. 4 ft. Pkt. 10 cts.

HELIANTHUS (Sunflower)

The larger forms of these are very useful for subtropical effects, whilst the dwarfer small-flowered varieties are at home in the border. The miniature varieties are very nice for cutting.

ANNUALS

Primrose-colored. Dark center. 5 ft. Pkt. 5 cts., oz. 15 cts.

Silver-leaved (argyrophyllus). Foliage variegated, medium-sized yellow, dark centered flowers. 5 ft. Pkt. 5 cts., oz. 15 cts.

Double Orange (*H. globosa fistulosa*). Extra-large, very double flowers. 5 ft. Pkt. 5c., oz. 20c.

Cucumerifolius (Miniature). Very nice plants, bushy in habit and producing many flowers during a long period. Very nice for cutting. Long stems. 3 ft. Pkt. 5 cts., ¼oz. 15 cts.

Cucumerifolius diadem. Sulphur-yellow, black disc. 3 ft. Pkt. 5 cts., ¼oz. 20 cts.

Cucumerifolius Orion. Deep yellow, long twisted petals. 4 ft. Pkt. 5 cts., ¼oz. 20 cts.

Cucumerifolius Stella. An improvement on the type. Large deep yellow flowers with a dark disc. 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Hibiscus

HOLLYHOCKS (Althæa)

These are old-time favorites, beautiful for a background lawn groups, or for screens. Older forms will frequently flower from fall-sown seed, but require a good season to do so.

ANNUALS (*A. semperflorens*) HP.

These as named are everblooming, lasting from June to frost. This continuous flowering is attained only in the second season. They are really early-flowering perennials.

Single. In fine and showy colors. 4 ft. Second season 7 to 10 ft. Pkt. 10 cts., ¼oz. 25 cts.

Double. In fine varieties. 4 to 10 ft. Pkt. 10 cts., ¼oz. 50 cts.

PERENNIAL HOLLYHOCKS

Allegheny Mammoth Fringed. HP°. Very large loosely formed flowers, finely fringed. Early sown seed will flower the first season. 7 ft. Pink, Shell-pink, Red, Salmon, Maroon, Mixed. Pkt. 10 cts., ¼oz. 30 cts.

Chater's Double Superb. In splendid mixture. Pkt. 10 cts., ¼oz. 50 cts.

German Double, Finest Mixed. A percentage flower the first season from previous fall-sown seed. 5 to 8 ft. **Apple-blossom, Canary-Yellow, Crimson, Dark Rose, Maroon, Pink, Salmon, Scarlet, White, Yellow, Mixed.** Each, pkt. 10 cts., ¼oz. 40 cts.

Single Mixed. Pkt. 10 cts., ¼oz. 30 cts., oz. $1.

HUMEA elegans and **elegans alba. HHB.** Brownish red and a white-flowered form. Both varieties nice for pot or for specimen lawn plants. 4 ft. Pkt. 25 cts.

HUMULUS (Hops)

All varieties are rapid-growing ornamental climbers. The last named being the brewing hop.

Japonicus. TA. Growing to 30 feet in a season. Pkt. 5 cts.

Japonicus variegatus. Cream-white variegation on a deep green ground. Matures in one season. Pkt. 5 cts.

IMPATIENS

(Balsam; Lady's-Slipper)

These are very useful bedding plants and nice for pots.

Double White Perfection. Large and full to the center. Pkt. 10 cts., ¼oz. 30 cts.

Double Peach-Blossom, Carmine, Lavender, Rose, Scarlet and **Apricot-colored.** Each, pkt. 10 cts.

Double Dwarf Balsams. A very neat variety for edging, etc.; semi-double flowers, mixed. 2 to 3 ft. Pkt. 10c., ¼oz. 20c.

Double Camellia-flowered. Extra-choice mixed. 2 ft. Pkt. 5 cts., ¼oz. 50c.

Double Fine Mixed. Pkt. 5 cts., oz. 40 cts.

Holstii. HHP°. Beautiful varieties of this type are offered under color, being particularly desirable for bedding, borders or pots. They form very compact plants about 1 foot high and 1 foot in diameter, beautiful glossy green foliage and thickly dotted over with flowers, constantly in flower till frost. **Vermilion (Holstii), White, red eyed, Rose, Carmine, Lilac, Dark Scarlet, Dark Violet, Mixed.** Pkt. 25c.

Olivieri. Large rosy lilac flowers. A beautiful new species. Pkt. 25 cts.

Sultani (Zanzibar Balsam). Very free-flowering bright rose; handsome for pots or beds. Pkt. 15 cts.

Sultani Mixed Hybrids. Pale rose to red and violet. The latter three classes may be lifted in fall and will flower nicely during the winter and spring. Pkt. 25 cts.

INCARVILLEA

Grandiflora. HP. This is a large-flowered Delavayi and of a more vigorous growth. Dark carmine, gloxinia-like flowers, dwarf in habit. ¾ ft. Pkt. 25 cts.

Variabilis. HHP. A new rose-colored shrubby species that flowers from May to October from early sown seed, 2 to 2½ ft. Both of the above are tuberous-rooted and suitable for pots as well as borders. Pkt. 10c.

INULA Royleana. HP. New Himalayan species of dwarf habit, flower-buds black, expanded flower golden yellow and 3 feet and more in diameter. A fine border plant. 2 ft. Pkt. 25 cts.

Double Hollyhocks

Double Perfection Balsam

Use our Evergreen Lawn Grass Seed if you desire a perfect Lawn

IPOMŒAS

Moonflowers, Morning-Glories, Cypress Vines, Etc.

Are all members of a large genus of plants mainly of climbing habit. They are of rapid growth and produce a wonderful show of foliage and flower. All easily grown from seed. The seeds of Moon Vine and Japanese Morning-Glory should be soaked in water 24 hours before sowing.

Mexicana grandiflora (Moonflower). **TA.** Very large pure white flowers, opening in the evening and in dark cloudy days. Very rapid grower. Will reach out 30 to 40 feet. Soak seeds or preferably cut a notch through the hard shell; will germinate in 12 to 15 days. Pkt. 10 cts., oz. 60 cts.

Grandiflora Hesperus. A new very large-flowered white. Pkt. 10 cts.

Purpurea (*Convolvulus major*, the Morning-Glory). Always satisfactory as a vine for almost any purpose and thriving in any soil. Mixed. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts.

Purpurea floraplena. Double Morning-Glory. Mixed. Pkt. 5 cts.

Heavenly Blue. Large heart-shaped leaves. Flowers azure-blue, shading to white at margin. Pkt. 10 cts.

Rochester. Strong growing; very large light blue flowers, margined white. A beautiful free-flowering variety that will attain 15 to 20 feet in height. Pkt. 10 cts.

Brazilian Morning-Glory (*I. setosa*). **TP°.** Of luxuriant growth, leaves often 10 to 12 inches across; flower salmon-rose color, 4 to 5 inches in diameter. Ornamental seed-pods. Pkt. 10 cts.

JAPANESE, or IMPROVED MORNING-GLORY. HHA. These are wonderful in the colorings and markings of the flowers as well as for the variety of form and variegation of foliage. The colors run from white through all the shades of blue and purple, rose to dark red, etc. Flowers are also striped, marbled, blotched, margined, etc., some fringed. The foliage of many is beautifully variegated. Soak seeds before sowing. Early pot-sown seeds are recommended for best results.

Superb Mixed, Single Imperial. Pkt. 5 cts., oz. 25 cts., 2 ozs. 45 cts.

Fine Mixed, Double Imperial. Pkt. 10 cts., oz. 50 cts.

New Yellow Lutea (Yellow-flowering Imperial). Pkt. 10 cts.

Quamoclit (Cypress Vine). **TA.** Elegant fine foliage, mixed colors, red, rose and white. 15 ft. Pkt. 5 cts., oz. 25 cts.

Sanguinea (*Mina sanguinea*). **HHA.** Beautiful climbers, blood-red flowers. Early and free-flowering. 20 ft. Pkt. 10 cts.

KAULFUSSIA amelloides. Very neat plants for edging, rockwork, etc. **Blue, Crimson, Rose, White, Mixed.** Pkt. 10c.

KOCHIA tricophylla (Burning Bush, Summer Cypress, etc.). **HHA.** A very handsome symmetrical plant, forming beautiful globose specimens without any pruning or pinching; leaves assume crimson tint in fall. 3 ft. Pkt. 10 cts.

KUDZU VINE Pueraria Th. HP. Very rapid grower, large leaves, wistaria-like, fragrant flowers. Pkt. 10 cts.

LATHYRUS latifolius (Everlasting Pea). **HP.** Hardy and very showy climbing vines, suitable for screens, trellis, etc. Flower all summer. **Large-flowering White,** a great improvement in size of flower and spike. **Red, Rose, Mixed.** Pkt. 10 cts., oz. 30 cts.

LAVANDULA spica. HP. The common Lavender prized for its fragrance. 3 ft. Pkt. 5 cts.

LANTANA HHP°

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the new hybrids is a great improvement, these being nice dwarf and compact plants. Seed may be sown as late as March.

Hybrida Mixed. Orange and red varieties. Pkt. 10 cts.

Hybrida Pictavi Hybrids. New dwarf varieties of compact habit and in rich variety of colors. ¾ ft. Pkt. 25 cts.

Hybrida compacta. New dwarf varieties. Fine mixed. Pkt. 5 cts., ¼oz. 25 cts.

LAVATERA **trimestris splendens alba** and **rosea.** These Tree Mallows, both new varieties, are great improvements on the old white and rose-colored varieties, being more bushy and larger-flowered. Very free, and make grand border plants. 3 ft. Pkt. 5 cts.

LAYIA **elegans alba.** A Californian annual that blooms for a long time, pure white. May be sown in spring for summer bloom, or in autumn for spring-flowering. Profuse. For beds, etc. 1ft. Pkt. 10c.

LEPTOSIPHON

Densiflorus. Handsome plants for beds or borders. Flowers and foliage elegant. Blue and white mixed. 1 ft. Pkt. 5 cts.

Hybrids, French. Brilliant shades from scarlet to yellow and white. Exquisite for edging, rockwork, etc. ½ ft. Pkt. 10 cts.

LINARIA

Cymbalaria maxima (Kenilworth Ivy). **HP.** Glossy ivy-like foliage. New large-flowered varieties. Color white to rose. Very neat trailing plant for boxes, baskets, etc. Pkt. 10 cts.

Alpine. HB. Lovely rock plant, light purple flowers, blotched orange. For walls, etc. 1 to 3 ft. Pkt. 25 cts.

Maroccana excelsior. A very nice strain for borders, also neat in pots, baskets, etc. Color dark purple to blue, yellow, crimson and pink. All having blotch on lip. 1 ft. Pkt. 10 cts.

Reticulata aurea purpurea. These are charming for baskets, etc. Purple with golden yellow lip. Small snapdragon-like flowers. Pkt. 10 cts.

LINUM (Flax)

Annuals and perennials, free-flowering and showy.

Grandiflorum rubrum and **roseum.** The red and rose-colored form of annual Flax. Successive sowings will produce a wonderful show throughout the season. 1 ft. Pkt. 5 cts.

Perennial. The hardy Flax in flower throughout the summer. Blue, White, Yellow, Mixed. 1 ft. Pkt. 5 cts.

Japanese Morning-Glory (see page 38)

LOBELIA

Annuals and perennials that are extensively used for bedding, being invaluable for blue edging. Also elegant for baskets, pots, etc. Requires a good soil for best effect.

Ramosa. HHA. Tall, graceful varieties, erect in habit and flowers much larger than most other species. Very nice pot-plants and good for borders or large beds. Sky-Blue, Rose, White, Mixed. ¾ to 1 ft. Pkt. 10 cts.

Ramosa compacta-tenuior. Large blue flower 1 inch across. A fine pot variety. 1 ft. Pkt. 10 cts.

Erinus, Barnard's Perpetuals. HP°. Deep blue, white eye; good habit. ½ ft. Pkt. 5 cts.

Erinus, Prima Donna. HP°. Beautiful maroon-crimson. ½ ft. Pkt. 10 cts.

Erinus speciosa, Crystal Palace. HP°. Large flowering, intense dark blue, dark foliage. ½ ft. Pkt. 5 cts.

LOBELIA, continued

Erinus speciosa, White Lady. Large white flowers of elegant habit. The foregoing varieties of Erinus are all free-flowering, suitable for large beds or borders and also for vases, boxes, etc. ¾ ft. Pkt. 5 cts.

Erinus compacta, Crystal Palace. HHP°. Intense deep blue flowers, with bronzy foliage and of close, compact habit. Large-flowering and splendid for edging. ½ ft. Pkt. 10 cts.

Erinus compacta, White Lady. Large-flowered, fine white. ½ ft. Pkt. 10 cts.

Erinus compacta, Emperor William. Deep blue, dwarf and nice. Pkt. 10 cts.

Erinus Hamburgia. HHP°. An elegant new variety, especially useful for baskets, vases, etc., forming 12- to 15-inch long shoots, hanging gracefully over the sides. Pkt. 25 cts.

Cardinalis robusta grandiflora. HP Thick large spikes of handsome brilliant scarlet flowers. 1½ ft. Pkt. 25 cts.

Fulgens, Queen Victoria. HP. Dark purplish foliage, fine deep scarlet flowers. 3 ft. Pkt. 25c.

Lugdenensis. HP. A beautiful dark-leaved rose-colored variety. Both of these perennial varieties may flower first season if sown early. Pkt. 25 cts.

LOPHOSPERMUM **scandens. HP.** Neat climbing plants with gloxinia-like flowers, rosy purple, for verandas, etc., also useful for boxes, vases, etc. 10 ft. Pkt. 10c.

LOTUS **Peliorhyncus. HHP.** A trailing species with silvery foliage and bright coral-red flowers, for baskets, pillars, trellis, etc. Pkt. 25 cts.

LUNARIA **Biennis** (Honesty; Moonwort). **HB.** Very nice spring-blooming plants, do best in shady, moist situation. The seed-pods are prized for their beautiful silvery appearance for winter decoration. Lilac-purple flowers. 2 ft. Pkt. 5c.

LUPINUS

(Lupines; Sun Dial)

Old-fashioned favorites that thrive in almost any soil or situation. Some species are extensively used for forage and improvement of poor soils. The taller varieties are useful for the border and dwarfer sorts for bedding.

Hartwegii. This class is a great improvement on the old form. Very showy and nice for cutting. **Blue, Rose, White, Red** and **Mixed.** 2 ft. Pkt. 5 cts., oz. 25 cts.

Hybridus atrococcineus. Lovely crimson with rose and white. 2½ ft. Pkt. 5 cts., oz. 15 cts.

Nanus. Blue and white. Pkt. 5 cts., oz. 25 cts.

Nanus albo-coccineus. Crimson with rose and white. Pkt. 5 cts., oz. 30 cts.

Luteus Romulus. A handsome dwarf yellow. 1¼ ft. Pkt. 10 cts.

Polyphyllus (Many-leaved). **HP.** Finest mixed perennial varieties. 3 ft. Pkt. 5 cts., oz. 25 cts.

Polyphyllus roseus. Long spikes of lovely rose-pink. Hardy and of strong branching habit. 3 ft. Pkt. 25 cts,

Arboreus (Tree Lupine). **HP.** These are strong bushy varieties that will supply cut-flowers for a long time. Pkt. 10 cts.

Arboreus New Hybrids. All beautiful. 5 ft. Pkt. 10 cts.

LYCHNIS HP

Haageana Hybrids. Beautiful shades in mixture. Flowers are in form like a Maltese cross. They are suitable for borders and rockwork. 1 ft. Pkt. 10 cts., ¼oz. 30 cts.

Lagascae. Handsome pot-plants and early flowering. ½ ft. Pkt. 25c.

Lagascae rosea. Rose, white, mixed. Pkt. 25 cts.

MARVEL OF PERU (*Mirabilis Jalapa;* Four O'Clock). **HHP°.** Sweet-scented, many-colored flowers. Open in the afternoon and die next morning; very free-flowering. Nice for beds and borders. Fine varieties mixed. 2½ ft. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts.

MARIGOLD

Old-fashioned annuals always satisfactory, giving a fine display from midsummer to frost from outdoor sown seed; for earlier bloom seed should be started in frames.

AFRICAN TAGETES ERECTA HHA

Eldorado. Bright orange flowers, shaded primrose. Three to 4 inches across. 2 ft. Pkt. 5 cts., ¼oz. 15 cts.

Lemon Queen. Very large globular double, canary-yellow flowers. Erect branching habit. 2 ft. Pkt. 5c., ¼oz. 15 cts.

Pride of the Garden. Dwarf and bushy; double, large-sized flowers of various shades of yellow. 1¼ ft. Pkt. 5 cts., ¼oz. 15 cts.

Tall Double Mixed. Pkt. 5 cts., oz. 40 cts.

Dwarf Double Mixed. Pkt. 5 cts., oz. 40 cts.

FRENCH TAGETES PATULA HHA

These are very bright and effective in ribbon lines or for edging to beds of tall plants.

Legion of Honor. Single bright yellow with dark crimson spots or blotches. A good bedder. ¾ ft. Pkt. 5 cts., ¼oz. 15 cts.

Silver King. Single lemon-yellow, blotched scarlet-maroon. Pkt. 5 cts., ¼oz. 15 cts.

Golden Edged Single. Blood-scarlet, with golden maroon to each petal. Showy. ¾ ft. Pkt. 5 cts., ¼oz. 15 cts.

Dwarf Double Mixed. Pkt. 5 cts., oz. 40 cts.

Tall Double Mixed. Pkt. 5 cts., oz. 40 cts.

Dwarf Single. Pkt. 5 cts., oz. 40 cts.

Marigold Nineteen Hundred

MATRICARIA

Capensis fl. pl. (Double Feverfew). **HP.** A very free-flowering border plant bearing a mass of cream-colored flowers. 2 ft. Pkt. 5c.

Golden Ball. A compact little bush 6 to 10 inches high, irregular in outline, with a flat head of numerous (50 to 75) quilled flowers, sulphur-yellow in color. For pots, beds or edging. Pkt. 10 cts.

Snowball. A white-flowered form of the preceding, but even more dwarf. Pkt. 10 cts.

MATHIOLA bicornis. The flowers emit a delightful odor before sunrise and after sunset, also during dull, cloudy days. 1 ft. Pkt. 5 cts.

MAURANDIA

Alba grandiflora. More sturdy and free-flowering than the type. Fine beautiful trailing or slender twining plant. Pkt. 25 cts.

Atrocoerulea grandiflora. Handsome large-flowering dark blue. Pkt. 10 cts.

Rosea grandiflora. Large-flowering rose. Pkt. 10 cts.

MECONOPSIS Cambrica fl. pl. (the Double Orange-yellow Welsh Poppy). Perfectly double and said to flower throughout the summer. Pkt. 10 cts.

MELIANTHUS Major (the Honey Flower). **HHP.** Light green fern-like foliage. A handsome pot-plant and nice for subtropical effects. Early spring seedlings may be planted for effect. 3 ft. Pkt. 5 cts.

MINA lobata. Beautiful climber with flowers borne in twin sprays. The buds are bright red, and orange-yellow at opening and pale yellow when in full flower. Very showy. Pkt. 10 cts.

Mignonette Machet

MESEMBRYANTHEMUM

Crystallinum (Ice Plant). **HHP.** Interesting ornamental foliage-plant, leaves have the appearance of being coated with ice; nice for pot plant or sunny dry situation outdoors. ¾ ft. Pkt. 5 cts.

Cordifolium variegatum. Beautiful dwarf plant, cream foliage variegated rose. Very nice for pots, baskets, etc. Pkt. 10 cts.

MIGNONETTE

(Reseda odorata)

A general favorite, indispensable for its delightful fragrance. Seed may be scattered in the borders or any sunny situation that is available. All varieties offered were selected for their superior qualities.

Bismarck. A vigorous grower, forming dense bushes, producing stout broad flower heads, double the size of Machet. Very sweet, 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Defiance. Spikes of great length with large flowers; fine cut-flower variety. 1 to 1¼ ft. Pkt. 10 cts., ¼oz. 25 cts.

Gabrielle. A new red-flowered variety; large heavy spikes of very sweet flowers, said to be the best variety for outdoor culture. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Goliath. Giant trusses of red flowers are borne on long heavy spikes. One of the best varieties for growing indoors. 1 ft. Pkt. 10 cts., ¼oz. 25 cts.

Large-flowering. The old Mignonette. Very sweet-scented. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts.

Machet. Fine for pots. Dwarf and free-blooming; flower-spikes bright reddish maroon. Pkt. 10 cts., ¼oz. 25 cts.

White Pearl. Splendid new variety. Compact habit. The best white. Pkt. 10 cts., ¼oz. 30 cts.

Nineteen Hundred. A very profuse-flowering, golden yellow. Pkt. 10 cts., ¼oz. 30 cts.

MIMOSA

Pudica. TA. The interesting Sensitive Plant whose leaves fold as soon as touched. A very neat ornamental plant for the house. 1 to 2 ft. Pkt. 5 cts.

Spegazzinia glauca. TP. A tall-growing species with bluish sensitive foliage; large head of rose-colored flowers, followed by ornamental fruit. Pkt. 25 cts.

MIMULUS HP°

Moschatus compactus (Musk Plant). A neat compact variety of this popular plant; very nice for pots. Pkt. 10 cts.

Tigrinus grandiflora. Very beautiful large-flowered Monkey Flower, tigered and spotted. Very showy. These are very satisfactory plants for moist shady situations outdoors and are splendid house plants, require plenty of water. ¾ ft. Pkt. 25 cts.

MOMORDICA

Ornamental vine for trellis, etc.; flower is followed by ornamental golden-yellow warty fruit. 10 ft.

Balsamina (Balsam Apple). Apple-shaped. Pkt. 5 cts., oz. 30 cts.

Charantia (Balsam Pear). Pear-shaped. Pkt. 5 cts., oz. 30 cts.

MONARDA didyma (Bergamot). Crimson flowers, fragrant foliage. Good border plant. 3 ft. Pkt. 25 cts.

Lawn Grass Seed. If you desire a perfect lawn, use our EVERGREEN LAWN SEED. See inside back cover for directions.

MUSA

Ensete (Abyssinnian Banana). **TP.** A large fine foliage-plant. Seeds sown in the heat will produce fine plants the first season. A showy pot-plant and good for sub-tropical effect. Pkt. 25 cts., 100 seeds $2.

Religiosa. A dwarfer and bushier plant than preceding. The leaves are of grayish green color and more substantial, not tearing so easily in the wind. Pkt. 25 cts., 100 seeds $3.

MYOSOTIS (Forget-Me-Not) HP°

Some are lovely plants for moist and shady situations. *M. palustris semperflorens* is especially valuable for such use, flowering throughout the summer. *M. sylvatica* also desirable for this particular purpose. The Myosotis may all be lifted in fall and potted for winter- and spring-flowering. We offer the choicest varieties, which, with the exception of *M. palustris semperflorens*, will give very nice results in the garden.

Alpestris robusta grandiflora Triumph. This is an extra-early variety that will flower eight to ten weeks after sowing. Robust growth with sky-blue flowers. ¾ to 1 ft. Pkt. 10 cts.

Alpestris Victoria Distinction. Dwarf and bushy. Also very early flowering, eight to ten weeks after sown. Large bright blue flowers. Both of these varieties very suitable for forcing. Pkt. 25 cts.

Alpestris Victoria Rose, White. Dwarf, compact rose- and white-flowered varieties. Fine for pots. Pkt. 5 cts., ¼oz. 25 cts.

Alpestris stricta. The erect Pillar or Column Myosotis. Branches assuming a distinct pillar-like form, about ¾ foot high and covered with flowers.

Alpestris stricta grandiflora, Royal Blue. Pkt. 15 cts.

Alpestris stricta grandiflora Royal Rose, White, Mixed. Each, pkt. 5 cts., ¼oz. 25 cts.

Dissitiflora Elfriede. A beautiful hybrid with large deep blue flowers on long, strong, erect stems. Of compact habit. Fine for forcing or outdoor use. Pkt. 25 cts.

Dissitiflora Maria. A beautiful white counterpart of Elfriede, but is twenty days earlier than the Dissitiflora class. Fine for pots or forcing. Pkt. 25 cts.

Dissitiflora Perfection. New extra-large flowers twice the size of type, Light Blue. Very fine. Pkt. 25 cts.

Ruth Fischer. A decided improvement on Love's Star, as generally useful as that variety and more elegantly formed flowers, the individual florets being 2 to 5 inches across. 90 per cent true from seed. The finest pot Myosotis to date. Pkt. 25 cts.

Sylvatica, Blue and White. Long continuous bloomers, spreading habit; fine bedders. ¾ ft. Each, pkt. 5 cts., ¼oz. 25 cts.

Palustris semperflorens grandiflora (Waterwitch). New large-flowered blue, yellow-eyed. Pkt. 10 cts.

Palustris semperflorens alba and rosea. Rose- and white-flowered, these two varieties of semperflorens are lovely plants for moist situations, where they bloom from early spring to fall. ½ to ¾ ft. Each, pkt. 10 cts., ¼oz. 50 cts.

Mixed. Pkt. 5 cts., ¼oz. 25 cts.

Nasturtiums

Tropæolum Majus

These popular flowering plants thrive in a poor dry soil, making a quick growth, and are very useful for screening or quickly covering waste spots, etc. The colors are nigh indescribable. Some of the newer varieties present most gorgeous colors. The variegated section will also be found elegant, in some the foliage having gold in others silver variegation, being very ornamental, even before the beautiful contrast with flowers is presented. The flowers are highly prized for cutting, possessing a distinct penetrating aromatic odor that is very agreeable and refreshful. Growth 6 to 8 or 10 ft.

Butterfly. Rich primrose, blotched salmon, throat deeply fringed. California Giant.

California Giants, Mixed. Superb large flowers in great variety.

Chameleon. Various colored flowers on individual plants.

Tall Tropæolum Majus

Cloth of Gold. Flowers scarlet. Foliage golden yellow.

Coccinea. Bright scarlet.

Croesus. Large foliage and flowers in great profusion. Primrose blotched maroon. Crimson California Giant.

Dark Crimson. Very showy.

Dunnett's Orange. Deep orange, crimson blotched.

Flammeum. Salmon-scarlet, marbled with velvety brown.

Golden-leaved Mixed. Golden foliage; flowers of many colors.

TALL TROPÆOLUM MAJUS, continued

Golden Queen. Ivy-leaved, deep self-colored orange.

Heinemanni. Chocolate-colored.

Hemisphericum. Straw color, blotched rose.

Ivy-leaved Mixed. Contains nearly all colors of regular type of Nasturtiums.

Jupiter-Sunlight. Large foliage, very large golden-yellow flowers on long stems. A splendid variety. California Giant.

King of the Blacks. Deep crimson-maroon.

King Theodore. Crimson, dark leaved.

Midnight. Brownish red.

Moonlight. Very light cream, golden foliage.

Pearl. Creamy white.

Prince Henry. Lemon-yellow, carmine blotched.

Queen. Leaves variegated yellow, white and green. Flowers rich scarlet-maroon.

Regalium. A very rich crimson.

Rose. A lovely shade of rose.

Salmon Queen. Very large salmon flowers. Beautiful.

Scarlet.

Scheuermanni. Straw colored, spotted.

Scheuermanni coccinea. Scarlet, striped.

Schillingi. Yellow, spotted brown.

Twilight (California Giant). Large beautiful flowers; salmon-rose, suffused scarlet.

Variegated-leaved Mixed. Flowers of many bright colors.

Vesuvius. Salmon, dark leaved.

Velvet Foliage. Crimson.

Von Moltke. Bluish rose.

Any of the above varieties, pkt. 5 cts., oz. 15 cts., 4 ozs. 40 cts.

Superb Mixed. Finest varieties. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.50

Fine Mixed. Finest varieties. Pkt. 5 cts., oz. 10 cts., 4 ozs. 30 cts., lb. $1.

Tall Nasturtiums

Lobbianum HHA

These are different from the preceding Tall Nasturtiums in their growth, being less rank and flowers being smaller. They flower freely and are useful for arbors, trellises, vases.

Asa Gray. Yellowish white. Pkt. 5 cts., oz. 20 cts.

Black Prince. Dark velvety crimson, dark blue foliage. Pkt. 5 cts., oz. 25 cts.

Brilliant. Dark scarlet. Pkt. 5 cts., oz. 20 cts.

Crown Prince of Prussia. Blood-red, Pkt. 5 cts., oz. 20 cts.

Giant of Battles. Sulphur-yellow and red. Pkt. 5 cts., oz. 20c.

Golden Queen. Pure yellow; fine. Pkt. 5 cts., oz. 25 cts.

King of Blacks. Blackish-brown. Pkt. 5 cts., oz. 20 cts.

Lucifer Very dark scarlet. Splendid. Pkt. 5 cts., oz. 25 cts.

Nasturtium

NASTURTIUM LOBBIANUM, continued

Mad. Gunther Hybrids. Beautiful combinations of colors. Nothing finer among Nasturtiums. Pkt. 5 cts., oz. 25 cts.

Princess Victoria Louise. Primrose, blotched orange-scarlet. Pkt. 5 cts., oz. 25 cts,

Spitfire. Vermilion-scarlet. Showy. Pkt. 5 cts., oz. 20 cts.

Fringed Mixed. Many shades; fringed petals. Pkt. 5c., oz. 20c.

Superb Mixed. This is our mixture of choicest named varieties. Pkt. 5 cts., oz. 20 cts., 2 ozs. 30 cts., 4 ozs. 50 cts., lb. $1.75.

Dwarf or Tom Thumb (Indian Cress)

Most excellent bedding plants, so popular that they need but a word in their behalf. They seem to thrive best in a poor, rather dry soil, which disposes to less and smaller foliage and more bloom, while the flowers are seen to better advantage. Rich ground will produce a very strong growth, tending to throw the flowering season quite late. Their value for cut-flowers is one of their chief merits, the spiciness of the odor being evidently agreeable to all. The new variegated forms are the result of great care in selection and are worthy of trial.

Ashes of Roses. Primrose overlaid with cerise.
Aurora. Rosy apricot with beautiful crimson blotch.
Beauty. Flowers yellow and scarlet, bright.
Bronze-colored. Burnished coppery bronze.
Chameleon. Splashed crimson, bronze and yellow.
Coccinea. Bright scarlet.
Crystal Palace Gem. Sulphur, spotted maroon.
Deep Scarlet.
Empress of India. Brilliant crimson, dark foliage.
General Jacqueminot.
Golden King. Large flowers, deep golden yellow.
Golden Queen. Gold foliage and gold flowers.
King of Tom Thumbs. Bright scarlet, dark foliage.
King Theodore. Velvety dark maroon.
Lady Bird (Spotted King). Orange and yellow, red spots.
Othello. Leaves and flowers very dark.
Pearl. Creamy white.
Prince Henry. Spotted leaves, bright crimson-scarlet flowers.
Purpureum. Dark crimson.
Rose. Soft rose.
Ruby. Bright ruby-red.
Rudolph Virchow. Very large rose-colored flowers.
Spotted. Deep orange-crimson blotched
Vesuvius. Very fine salmon-red.

All the above varieties, pkt. 5 cts., oz. 15 cts., 4 ozs. 40 cts.

Superb Mixed. Our choicest varieties. Pkt. 5 cts., oz. 15 cts., 2 ozs. 25 cts., 4 ozs. 40 cts., lb. $1.50.

Fine Mixed. Very good selection. Pkt. 5 cts., oz. 10 cts., 4 ozs, 30 cts., lb. $1.

LILLIPUT, Fairy Queen. Light flowers, with lavender markings. Pkt. 10 cts., oz. 25 cts.

Snow Queen. Sulphur-yellow, changing to white. Pkt. 5 cts., oz. 25 cts.

W. Atlee, Jr. Pale pink overlaid with deep red. Pkt. 5c , oz 25c.

Mixed. These are dwarf Lobbiana varieties, having small leaves and flowers, the latter covering the plant; many shades. ½ ft. Pkt. 5 cts., oz. 20 cts.

DWARF IVY-LEAVED, Butterfly. Bright golden yellow flowers. Pkt. 10 cts., oz. 25 cts.

Rose. Light rose flowers. Pkt. 10 cts., oz. 25 cts.

Mixed. Compact plants with bluish ivy-leaf foliage, fringed flowers. 1 ft. Pkt. 5 cts., oz. 20 cts.

VARIEGATED, Queen. Scarlet-maroon. Pkt. 10 cts., oz. 25 cts.

Queen of Tom Thumbs. Compact bushy plants with rich crimson foliage, variegated white and green. Pkt. 5 cts., oz. 25 cts.

Mixed, All Classes. Gold and silver variegated, Ivy-leaved and Tom Thumb varieties. Pkt. 5 cts., oz. 20 cts.

Golden Cloth. Intense scarlet, bright yellow foliage; distinct. Pkt. 5 cts., oz. 25 cts.

NEMESIAS

These are delightful little plants for edging, free-flowering and blooming for a long time. Should have good rich soil. Seed sown outdoors in May germinates readily and can be thinned to 6 or 8 inches. Indoor sowings germinate slowly. The combinations of color in the flowers are very attractive and quite distinct in tone.

Strumosa nana compacta grandiflora. This is a large-flowered dwarf bushy strain in charming mixture. Very nice for edging. Free. ½ ft. Pkt. 25 cts.

Hybrida, Blue Gem and White Gem. Beautiful myosotis-blue and pure white. Elegant dwarf bushes for bed and edging. ½ ft. Pkt. 25 cts.

NEMOPHILA

Handsome annuals for beds, edging or rockwork. They are of trailing habit. May be sown in spring or fall.

Insignis grandiflora. Clear blue, white center Pkt. 5 cts.

Insignis grandiflora alba. Pure white, large-flowered. Pkt. 5c.

Maculata grandiflora. Handsome large white flowers, veined and blotched violet. Pkt. 5 cts.

NERTERA depressa. HP. Very neat pot-plant for rockery. Dense tufts, thickly studded with tiny orange-scarlet berries. Light soil, protect in severe winters. ½ ft. Pkt. 25 cts.

NICOTIANA (Tobacco) HHA

The following varieties are beautiful flowering plants and handsome for borders.

Affinis. A lovely white flower that opens mornings and evenings and during cloudy weather. If placed near the dwelling its delightful perfume may be fully enjoyed. 2½ to 3 ft. Pkt. 5 cts., ¼oz. 15c.

Affinis Hybrids. Various pretty colors, white to rose, lilac, red, etc. This, like the type, may have six to twelve flower-stalks at a time, with three to five flowers to each spike, forming a beautiful show and perfuming the surrounding air. Pkt. 5 cts., ¼oz. 25 cts.

Sanderae. Very free-flowering variety, throwing up numerous flower-stalks, producing hundreds of beautiful long tubular flowers, deep carmine-red, although the shade varies slightly. A grand flowering plant from summer to fall, flowers remaining open during the day. Pkt. 10 cts., ¼oz. 25 cts.

Sanderae Hybrids. The result of much patience in crossing and selections. Flowers are large as the type and colors are all fine. White, crimson, flesh, purple, rose-violet, blood-red, forming a beautiful mixture. Pkt. 10 cts.

Sylvestris. A large pyramidal plant with handsome glaucous leaves. The long tubulous white flowers droop in racemes over the foliage, are very sweet and *do not* close during the day. 5 to 6 ft. Pkt. 10 cts.

Colossea. A very rapid-growing variety, attaining 5 to 6 feet in height. Leaves at times 2 feet long and 1 foot wide, the young foliage is tinted red. A fine subtropical plant, rose-colored flowers. Pkt. 25 cts.

See announcement of Beckert's Evergreen Lawn Seed, third cover.

Nicotiana Sanderæ

NIEREMBERGIA (Cup Flower) HHP

These are allied to Petunias, and like those plants bloom freely outdoors from May to September.

Frutescens. Graceful feathery foliage, colors white to blush, yellow center. Also a nice pot-plant. 1 ft. Pkt. 5 cts.

Gracilis. White flowers, veined lavender. Very neat plant for baskets, boxes and rockwork. ½ ft. Pkt. 5 cts.

NIGELLA

Elegant flowers partially enclosed in fine-leaved bracts. Seed-pods of some are curiously horned, the black seeds are aromatic and culinary.

Damascena fl. pl., Miss Jekyll. Neat fennel-like foliage, beautiful sky-blue flowers that are produced on every growth. An elegant flower for cutting. Also nice for pot-plants. 1½ ft. Pkt. 10c.

Damascena fl. pl. alba. A beautiful double white. 1½ ft. Pkt. 5 cts.

Hispanica, Love-in-a-Mist. Very nice old-fashioned annual pale blue flowers, curious seed-pods. Foliage nicely cut. Pkt. 5 cts.

Mixed Sorts. Pkt. 5 cts., oz. 25 cts.

NOLANA. Beautiful trailing plants with bell-shaped flowers, nice for the border and useful for vases, baskets, etc. Various shades, blue, yellow and white mixed. Pkt. 5 cts.

ŒNOTHERA

(Evening Primrose)

We offer few nice varieties for beds and borders.

Taraxacifolia alba. HB. Prostrate trailing plant, snow-white flowers. Pkt. 10 cts.

Drummondii nana. HHA. Soft yellow. Nice for beds and borders. 1 ft. Pkt. 10 cts.

Drummondii nana alba. Creamy white. Pkt. 5 cts.

Fraseri. HP. Dwarf bushy plant, free-flowering. Yellow flowers on reddish stems. 1½ ft. Pkt. 10 cts.

OMPHALODES linifolia (Venus Navelwort). Pretty grayish foliage, with handsome white flowers. ¾ ft. Pkt. 25c.

ONOPORDON Salteri. HB. A magnificent Thistle, with large silvery foliage, nicely cut. The flower-stem is snowy white with a head of bluish lilac flowers. 10 ft. Pkt. 25 cts.

OXALIS (Wood Sorrel) H

Very neat free-flowering plants, nice for pots or baskets, etc.

Rosea. HHA. Pretty salmon-rose. Pk. 10 cts.

Tropaeoloides. HP. Brownish foliage, small yellow flowers. Fine for its foliage effect in bedding, etc. 1 to 3 ft. Pkt. 10 cts.

Pansies

Pansies (Heartsease) HP²

Pansies, while preferring a light rich soil and a partially shady, cool and moist situation, producing under such ideal conditions, large magnificently colored flowers, will nevertheless thrive under far less favorable surroundings. In fact, almost any soil and situation will give good returns. If planted in full sun exposure, mulch beds during the hot term and water freely; the delicate tints may be partially neutralized and flowers will not attain full size, yet a very rich and continuous display may be had, which in fall will almost equal the early spring show. Faded flowers must be removed every few days to prevent seeding. Seed may be sown from July to September, and these plants protected over winter will flower early in spring and continue throughout the season. Spring-sown seed will flower from summer to fall. We offer a very complete collection of varieties and strains embracing "All That's Good in Pansies."

Finest Show Pansies

Beckert's Superb Mixture. Our own blending of Show and Giant varieties. Pkt. 25 cts., ⅛oz. 80 cts., oz. $6.

Andromeda. New rosy lavender. Pkt. 25 cts.

Bugnot's Large Blotched. Large superb flowers, with broad blotches, the petals finely lined in great diversity of rarest colors. Pkt. 25 cts., ⅛oz. 75 cts.

Cassier's Superb Strain. Large round flowers, the petals overlapping and often frilled; colors rich and varied. Pkt. 25c., ⅛oz. 75c.

Cassier's Five-blotched Giant. Flowers of immense size and five-spotted on background of very rich colors. Pkt. 25c., ⅛oz. 75c.

Cassier's Golden Five-spotted. Very fine and distinct. Pkt. 25 cts., ⅛oz. 75 cts.

Cassier's Bridesmaid. Flowers very large and of fine form. Ground color rosy white, strikingly setting off the dark blotches of the center. Pkt. 25 cts., ⅛oz. 75 cts.

Emperor Francis Joseph. White, large violet spots. Pkt. 25 cts.

Eros. Velvety brown, yellow border. Pkt. 25 cts.

Madam Perret (the Wine Pansy). All shades of red, from pink to fine deep purple, with an intermediate bright red edged with white. Flowers of immense size. Pkt. 25 cts., ⅛oz. 75 cts.

Masterpiece. (Germania). Every petal is conspicuously undulated and curled. Among these Pansies are also found some lovely tints of colors not met with in other strains. Very large. Pkt. 25 cts., ⅛oz. 75 cts.

Orchid-flowered. The upper petals stand erect and are laid out in small folds; finest shades and colors. Pkt. 25 cts., ⅛oz. 75 cts.

Peacock. The lovely ultra-marine of the upper petals contrasting nicely with the claret-red, white-margined petals. Pkt. 25 cts., ⅛oz. 75 cts.

Psyche. Violet, bordered white. Pkt. 25c., ⅛oz. 75c.

Ruby. Embraces the richest shades of red colors, from scarlet, scarlet-orange, wine-red to rose. Flowers large and fine. Pkt. 25 cts., ⅛oz. 75 cts.

Sunlight. New; yellow, orchid-flowered. Pkt. 25 cts.

Vulcan. New; dark red, with five black spots; superb. Pkt. 25 cts.

Giant Trimardeau Pansies

Beautiful class of vigorous and compact growth. Flowers of largest size.

Adonis. Light blue.
Atropurpurea. Fine dark purple.
Auricula-flowered. Mahogany shades.
Bronze. Shades of bronze.
Dark, or **Black-Blue.**
Emperor William. Ultra-marine blue.
Fire King. Rich scarlet, gold edged. Pkt. 15c., ¼oz. 75c.
Freya. Silver edged.
Golden Queen. Pure yellow.
Golden Yellow. Dark eye.
Hortensia. Shades of rose. Pkt. 15 cts., ¼oz. 75 cts.
Indigo King. Very fine.
King of the Blacks. Very dark.
Light Blue. Pale blue.
Lord Beaconsfield. Lavender and purple.
Parisian. Mostly white grounds, blotched.
Prince Bismarck. Gold-bronze.
Prince Henry. Dark blue. Pkt. 25 cts.
President Carnot. White, blotched with shades of violet-blue.
Quadricolor. Sky-blue, edged violet, lower petals marbled.
Striped. Striped, mottled and flaked.
Snow Queen (**Snowflake**). Satiny white.
Violet-Blue.
White. With violet eye.
Trimardeau Mixed. Pkt. 10 cts., ¼oz. 60 cts., oz. $2.25.
German Mixed. Flowers not so large, but colors fine. Pkt. 5 cts., ¼oz. 45 cts., oz. $1.50.

All Trimardeau varieties, except where noted, pkt. 10 cts., ¼oz. 60 cts., oz. $2.25

New Tufted Pansies (*Viola cornuta mirabilis*) HP

A first-class novelty. Flowers 1 to 1½ inches in diameter, on long, stiff stems. All hues from purest yellow to brightest scarlet and from

NEW TUFTED PANSIES, continued

the most delicate rose to the darkest purple. Flowers have three to five dark blotches and are frequently margined with a yellow or whitish band. The strain comes true from seed. Pkt. 25 cts.

Admiration. Large dark blue. Pkt. 10 cts., ¼oz. 75c , oz. $2.50.
Ardwell Gem. Large primrose. Pkt. 25c., ¼oz. $1.25, oz. $4.50.
Perfection. Light blue; large and a constant bloomer. Pkt. 10 cts., ¼oz. 75 cts., oz. $2.50.
White Perfection. Large-flowered white. Pkt. 10 cts., ¼oz. 75 cts., oz. $2.50.

PENSTEMON HHP°

Many of these plants are hardy on dry soil. They are herbaceous, are fine plants for the border, clumps of them producing a splendid show.

Breviflorus (Lobbi). Yellow flowers; very distinct. 1¼ ft. Pkt. 15 cts.
Gracilentus. HP°. A very pretty blue-flowered variety. 1½ ft. Pkt. 15 cts.
Hartwegii hybrida grandiflora. HP°. A splendid strain of bedding varieties, gloxinia-like flowers, often 2 inches across. Very brilliant colors. 2 ft. Pkt. 15 cts.
Hartwegii nana. Dwarf varieties in handsome colors. 1¼ ft. Pkt. 10 cts.
Heterophyllus. HP Azure blue; dwarf. 1¼ ft. Pkt. 25 cts.
Laevigatus. Pure white, very nice; slender habit. 1½ ft. Pkt. 15 cts.
Murrayanus grandiflora. HP°. A very handsome variety, glaucous foliage with fine spikes of scarlet flowers. Hardy in dry situation. 3 ft. Pkt. 25c.

PERILLA

Nankinensis. HHA. Miniature-leaved foliage-plant; very distinct, for bedding. Pkt. 10c.
Nankinensis laciniata. Cut-leaved variety; very effective. 1½ ft. Pkt. 10 cts.
Nankinensis laciniata picta. Deeply cut leaves, almost black in color, with distinct rose and white stripes; beautiful; varies. 2 ft. Pkt. 10c.

PETUNIA HP°

Hybridizing has accomplished wonders in this as in other genera of plants. But a few years back it was deemed imperative to secure in fall stock plants of all desirable varieties. At the present day this would be waste of time and space, as the excellent strains of seed now offered fulfil all wants. Single- and double-flowering, plain or fringed petals, tall or dwarf growth may all be had remarkably true from seed, and with these goes a degree of vigor that is lacking in plants propagated by cuttings. Petunias are valuable as pot-plants, particularly adapted for vases, baskets, window-boxes, etc., and the dwarf varieties are leaders for bedding. For the latter purpose February and March sowings will be timely. We offer the best strains procurable.

Double-flowered Petunias

Concordia. This is a fringed double variety that reproduces itself from seed to fully 75 per cent. Diversity of colors. Pkt. 50 cts.
Marvelous. A grand strain of Petunias unrivaled in size, color, form and beauty. In size they run from 3 to 5 inches across, in color snow-white, pink, violet, lavender, mauve, crimson, with shades and blendings of these colors. Petals are plain, frilled, fluted and ruffled. 70 per cent true from seed. Pkt. $1.
Large-flowering Fringed Mixed. A superb mixture of finely fringed varieties in many colors. Pkt. 50 cts.

Single-flowered Petunias

Large-flowering Fringed. An unsurpassed mixture from carefully fertilized show flowers. Pkt. 25 cts.
Giants of California. Large fluffy blossoms, handsomely fringed and ruffled, white, rose, crimson, black, etc. Mixed. Pkt. 25 cts.

Petunia, Large-flowered

SINGLE-FLOWERED PETUNIAS, continued

Quadricolor Superb. Flowers mostly with five-spathulate yellow markings; superb varieties. Pkt. 25 cts.
Rheingold. Very large flowers, yellow throated and pure white margined petals; beautiful. Pkt. 25 cts.
Ruffled Giant. A very distinct class with very large flowers, which are deeply ruffled and fluted; elegant. Pkt. 25 cts.

Bedding Petunias

These, while mainly of the dwarf bushy habit, desirable for beds, etc., are also useful for pots and boxes.

Adonis. Fiery carmine, white throat. ½ ft. Pkt. 10 cts.
Baby Blue, or **Carmen Sylva.** Soft lavender to violet with clear white center, in the sun it appears blue. ¾ ft. Pkt. 10 cts.
Fairy Frills. Nice regular habit with 2½-inch flowers in shades of pink, mauve, or white, veined mauve, or stained pink and mauve. Pkt. 25 cts.
Howard's Star. Very free-flowering. A blush-pink star on maroon ground. Pkt. 10 cts.
Inimitable. Very effective striped and blotched varieties. 1 ft. Pkt. 10 cts., ½oz. 25 cts.
Dwarf Inimitable. A dwarf form of preceding, plants only ½ foot high and completely covered with flowers. Fine for edging Pkt. 10 cts., ½oz. 75 cts.
Norma. Medium size, compact-habited variety with lovely velvety blue flowers with a white star. A new variety by the introducer of Rosy Morn, Adonis, Snowball, etc. ¾ ft. Pkt. 10 cts.
Rosy Morn (Erfordia). A lovely rose shade with yellowish throat, bushy and very free. ½ ft. Pkt. 10 cts., ½oz. 75 cts.
Snowball. Another beautiful dwarf pure white variety; sweet-scented. ½ ft. Pkt. 10c.
Fine Mixed. Pkt. 5 cts., oz. 75 cts.

PHACELIA

Campanulata. A beautiful Californian plant, most lovely deep blue with white anthers. Bloom quickly from seed and is beautiful for pots as well as borders. ¾ ft. Pkt. 10 cts.
Whitlavia gloxinoides. Flowers resemble small gloxinias. Lavender-blue, white throat. 1 ft. Pkt. 10 cts.
Whitlavia grandiflora. Large sky-blue flowers, purple-veined; handsome, erect habit. 1 ft. Pkt. 10 cts.

PHASEOLUS

Scarlet Runner Bean. HHA. An old favorite. Bright scarlet blossom followed by edible beans. A handsome climber. Pkt. 5 cts., oz. 10 cts.
Papilio, Butterfly Runner Bean. A new variety with large flowers, white, salmon and rose color. The pods are of excellent quality. Very showy. Pkt. 10 cts., oz. 25 cts.

PHLOX DRUMMONDI (Flame Flower)

A very beautiful and useful class of half-hardy annuals. They are so many-hued, brilliant, varied and lasting, that few rivals are to be found for effectiveness from July to fall. To secure good results they should be sown or planted in well-drained soil and thinned out at an early stage to secure sturdy plants. Full sun exposure suits them best, as in wet or shady situations they are subject to mildew. Seed may be sown outdoors in April and May or earlier indoors and transplanted. All faded trusses of flowers should be removed ere they go to seed.

Drummondi grandiflora

A great improvement on the old tall varieties, having large round florets with distinct eyes, are very fine bedders and useful for cuttings. 1 to 1½ foot apart is not too much space for good soil. 1 ft.

Alba. Flowers pure white. Pkt. 10 cts., ¼oz. 25 cts.
Atrorosea. Deep rose. Pkt. 10 cts., ¼oz. 25 cts.

DRUMMONDI GRANDIFLORA, con.

Carnea. Lovely new variety with pale pink flowers. Pkt. 10 cts., ¼oz. 35 cts.

Chamois Rose. With a white eye. Pkt. 10 cts., ¼oz. 25 cts.

Coccinea. Vivid scarlet. Pkt. 10c., ¼oz. 25 cts.

Isabellina (lutea). Flowers yellow; distinct. Pkt. 10 cts., ¼oz. 25 cts.

Kermesina alba oculata. Crimson, with white eye. Pkt. 10 cts., ¼oz. 25c.

Quadricolor. Very fine variety. Rose, with black and white eye. Pkt. 10 cts., ¼oz. 35 cts.

STELLATA. Varieties all have a pure white star center.

Atropurpurea. Dark purple. A very elegant strain.

Carminea. Carmine.

Rosea.

Mixed.

Above 4 varieties, pkt. 10c., ¼oz. 35c.

Striata Striped. Mixed. Pkt. 10c., ¼oz. 25 cts.

Large-flowering Finest Mixed. Pkt. 5 cts., oz. 75 cts.

Dwarf Phlox, Cecily

Phlox, Nana Compacta

Dwarf compact. These are elegant for beds, edging and nice for pot-plants. They may be planted or thinned to 8 inches space. They will average ½ foot in height.

Chamois Rose. Pkt. 10 cts., ¼oz. 75 cts.

Cinnabarina. A distinct shade. Pkt. 10 cts., ¼oz. 75 cts.

Defiance. An extremely showy scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Fireball. Scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Lutea. Pretty pale yellow varieties. Pkt. 10 cts., ¼oz. 75 cts.

Radiata. Charming new variety; star-shaped; carmine. Pkt. 10 cts., ¼oz. $1.

Radiata alba. White star. Pkt. 15 cts., ¼oz, $1.25.

Surprise. Bright vermilion, white star center. Pkt. 10c., ¼oz. 75c.

Snowball. White. Pkt. 10 cts., ¼oz. 75 cts.

Victoria. Deep scarlet. Pkt. 10 cts., ¼oz. 75 cts.

Choice Mixed. Pkt. 5 cts., ¼oz. 50 cts.

Dwarf Fancy Mixed. Pkt. 10 cts., ¼oz. 75 cts.

NANA COMPACTA GRANDIFLORA (Cecily Phloxes). These dwarf varieties have flowers equally as large as the Grandiflora class. Very handsome for bedding. ½ ft. **Finest Mixed.** Pkt. 10 cts., ¼oz. $1.25.

Other Sorts and Colors of Dwarf Phlox

Fimbriata. Large clusters of flowers with fringed petals. Pkt. 10c.

Cuspidata (New Star Phloxes). Pretty star-shaped flowers, with deeply toothed and dented petals, all white margined. Entirely distinct. Fine for cutting. 1½ ft. Pkt. 10c.

Hortensiaeflora. A class having large umbels of flowers. Very free-flowering; semi-dwarf. 1 ft. Fine mixed. Pkt. 10 cts.

Heynholdi. Very suitable for growing in pots. Mixed. Pkt. 15c.

Decussata grandiflora. HP. Fine new large-flowering varieties in splendid mixture. These make a wonderful show if planted in clumps or masses. Seed germinates slowly and irregularly over a period of six months or more. Herbaceous. 3 ft. Pkt. 25 cts., ¼oz. 75 cts.

PHYSALIS Francheti (Winter Cherry, or Chinese Lantern). **HP.** Dark centered yellow flowers succeeded by bright red fruits which are enclosed in a globular orange-scarlet semi-transparent calyx. 2 ft. Pkt. 10 cts.

Platycodon

PLATYCODON grandiflora (Chinese Bellflower). **HP.** Large, broad bell-shaped flowers, Fine for the border. Deep blue and white mixed. 1¾ ft. Pkt. 5 cts., ¼oz. 25 cts.

POLYGONUM

Orientale (Persicaria). Rose-crimson flowered annual for autumnal display. Nice for cutting. 3 ft. Pkt. 5 cts.

Baldschuanicum. HP. A very rapid climbing plant covered throughout the summer and autumn with pendent sprays of lovely white and pink flowers. Pkt. 25 cts.

Baldschuanicum posumbu. Dark green foliage, rosy panicles of flowers. A very graceful market plant. 1 to 1¾ ft. Pkt. 25 cts.

POPPIES (Papaver)

Annuals and Hardy Perennials. Poppies are unsurpassed for brilliancy of color and from the charming little Shirley to the gorgeous Pæony-flowered, are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many of them are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for two days or more.

Single-flowered Annual. In very fine mixture. Pkt. 5c., oz. 20c.

Admiral. A pæony-flowered white, with a broad band of brilliant scarlet around the top. Showy. Pkt. 10 cts., ¼oz. 25 cts.

Dainty (Lady Lorelei). New rosy mauve with a metallic blotch on the base in middle of each petal. Glaucous foliage, flowers 4 to 5 inches across. 2 ft. Pkt. 10 cts.

Danebrog. Brilliant scarlet with a large white spot at the base of each petal. 2 ft. Pkt. 5 cts., oz. 25 cts.

Maid-of-the-Mist. Large beautifully fringed single white. 2 ft. Pkt. 10 cts., oz. 30 cts.

Miss Sherwood. A beautiful flower, lower portion is satiny white and upper portion a delicate rose. Large flowers. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Scarlet-Umbrosum. Single scarlet of intense shade with glittering black spot at the base of each petal. 1 ft. Pkt. 5 cts., oz. 25 cts.

Shirley Improved. This is a charming class of Poppies, all white centered, and running through many beautiful shades of rose, salmon, apricot, pink, etc., to glowing crimson. May be sown in autumn or spring. Elegant for cutting. 2 ft. Pkt. 5 cts., oz. 25 cts.

The Bride. Elegantly fringed, single pure white. 2½ ft. Pkt. 5c., oz. 25 cts.

Tulip (Glaucum). Dazzling scarlet cup-and-saucer form. Pkt. 5 cts., oz. 50 cts.

Double-flowered Annual Mixed. Choice mixture of many varieties. Pkt. 5 cts., oz. 25 cts.

Cardinal. Large fringed scarlet. Very effective. Pkt. 5 cts., oz. 25c.

Carnation-flowered. A splendid border variety, large, very double fringed flowers in brilliant colors. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Chamois-Rose. Brilliant double flowers of novel shade. 1½ ft. Pkt. 5 cts. oz. 25 cts.

Fayal. The most beautiful and dainty of dwarf Poppies. All shades of red, pink, maroon and white single and double-flowered. Pkt. 10 cts.

Irresistible. Double flowers 5 inches across, brilliant rose and blush rose to salmon-rose. All white-centered and handsomely fringed. 2½ ft. Pkt. 5 cts., oz. 25 cts.

Mikado. Each blossom is a large fluffy ball, pure white at base with crimson tips. 2½ ft. Pkt. 5 cts., oz. 25 cts.

POPPIES, continued

Paeony-flowered. Immense globular double flowers of rich and brilliant colors. Grand border varieties. 2½ ft. Pkt. 5c., oz. 25 cts.

White Swan (Snowdrift). Very large double white, beautifully fringed. 2 ft. Pkt. 5 cts., oz. 25 cts.

Perennial

These varieties may be sown from July to September to flower the following season, though Alpine and Iceland will flower the first season from early sown seed in February.

Alpine Fringed. These are charming little flowers with single fringed or fluted petals. Colors are white, salmon, rose, orange in mixture. 60 per cent true. ¾ ft. Pkt. 10 cts., oz. 50 cts.

Bracteatum. Immense blood-red flowers with black blotches at base of each petal. Very fine variety. 4 ft. Pkt. 10 cts., oz. 40 cts.

Bracteatum, Livermore Variety. Enormous crimson flowers 12 inches and over in diameter, with black center. 4 ft. Pkt. 10 cts.

Iceland (Nudicaule). New Excelsior strain. Very graceful dwarf plants containing over twenty shades. 1 ft. Pkt. 10 cts., oz. 75 cts.

Oriental Colossal. Gigantic dark scarlet flowers. Pkt. 10 cts.

Oriental, Princess Victoria Louise. Very large salmon-rose shading to blush, Lovely. Pkt. 10 cts.

Oriental Hybrids. A splendid mixture of all colors, rose, lilac and mauve shades included. Quite nice for cutting. Pkt. 10 cts., oz. 75 cts.

Shirley Poppies

PORTULACA (Purslane Family) HHA

These are succulent plants that delight in light, dry soil in a sunny situation, blooming profusely during the hottest weather and producing a gorgeous display. The seed should be sown where wanted and thinned out as required, the plants being of a spreading character. ½ ft.

Single Mixed. In numerous rich colors, Pkt. 5 cts., oz. 40 cts.

Single Yellow. Deep golden yellow. True. Pkt. 10 cts.

Single Scarlet. Scarlet. Fine orange-scarlet. Pkt. 10 cts.

Single White. Pure white. Pkt. 10 cts.

Double Mixed. Extra fine quality. A large percentage double flowers. Pkt. 10 cts., ¼oz. 75 cts.

POTENTILLA

Hardy herbaceous perennials in bloom from summer to fall, and very useful for cutting.

Single-flowered. Finest mixed. ½ ft. Pkt. 5 cts.

Double-flowered. Finest mixed. ½ ft. Pkt. 25 cts.

PRIMULA SINENSIS

(Chinese Primrose)

Beautiful house plants that are quite readily grown from seed, which should be sown thinly so that earliest plants may be removed without disturbing seed that will germinate later. Full directions for their care is printed on seed packets.

If you desire a pefect lawn, use our Evergreen Lawn Seed

Primula Sinensis

Choice Large-flowering Finely Fringed

Alba magnifica. Pure white, yellow eye Pkt. 25 cts.

Chiswick Red. Blood-red. Pkt. 25c.

Coerulea. Rich blue. Pkt. 25 cts.

Kermesina splendens magnifica. Rich crimson. Pkt. 25 cts.

Rosy Morn. Beautiful delicate pink. Pkt. 25 cts.

Choicest Mixed. Single fringed. Pkt. 25 cts.

The foregoing are superior strains.

Giant-flowered Single Fringed. Very effective and true from seed. Large flowers of great substance. Giant White, Giant Pink, Giant Copper-colored, Giant Blood-red, Giant Mixed. Each, pkt. 50c.

Double-flowered Fringed Mixed. Pkt. 50 cts.

PRIMULA Sinensis Stellata (Star Primulas). A beautiful new class, very fine as pot-plants or for cutting, for which use they are most excellent, remaining fresh many days. 2 ft. White Star, Crimson Star, Carmine, Salmon Pink, Purple Star, Lilac Red, Blue Star, Mixed. Pkt. 50c.

Stellata hybrida, Mixed. An improved form of the Star Primrose, the flowers being nearly equal in size and substance to some of the best of the Chinese varieties. Flowers are beautifully fringed and stand well above the dark foliage. Pkt. 50 cts.

Cockburniana. A very remarkable orange-scarlet flowered species from Western China. Three to six whorls of flowers on an 8- to 18-inch scape. Pkt. 50c.

Florabunda grandiflora Isabellina. A pale yellow large-flowered variety; fine winter bloomers. Pkt. 50 cts.

Forbesii (Baby Primrose). A Chinese species with pyramidal heads of rosy lilac flowers, yellow-eyed. Will flower in nine months from seed, and useful as a decorative plant as well as for cutting. 1 ft. Pkt. 25 cts.

Forbesii rubra. New rich magenta red. Pkt. 25 cts.

Kewensis. New. This is a beautiful addition, originated at the Kew Gardens. Is a robust grower, flowers in quite a small state, and is almost continually in bloom in established plants. The color is very rich yellow, flower spikes 10 to 18 inches high with bloom produced in successive whorls. Very sweet. Elegant pot-plant and fine for cutting. Pkt. 50 cts.

Obconica grandiflora. This is a good variety for pot-plants for decorative use, blooming from spring till autumn, and may also be used outdoors. **Rose, White, Carmine-red, Lilac** and **Mixed.** Each, pkt. 25c.

Obconica grandiflora gigantea (Arendsi). Giant flowers 1½ to 2 inches in diameter. Very beautiful and distinct. **Crimson, Rose, Red** and **Mixed.** Each, pkt. 25 cts.

Obconica grandiflora Hybrid. Mixed. Pkt. 25 cts.

Obconica grandiflora Hybrid compacta. Mixed. Pkt. 25 cts.

Verticillata (Abyssinian Primrose). New half-hardy species with golden yellow sweet-scented flowers in whorls, foliage powdered white. A fine pot-plant. Seed germinates slowly. ¾ ft. Pkt. 50 cts.

Hardy Primulas

Useful for pot culture or for rockeries and borders. Whilst hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

Auricula (Storrie's Nondescript). A strain of vigorous growth and possessing a wonderful range of color and shades. 1 ft. Pkt. 25c.

HARDY PRIMULAS, continud

Denticulata Cashmeriana grandiflora. Flowers in various shades, from white to lilac, rosy purple and blue. These are twice as large as the type. Fine for pots or spring bedding. 1¼ ft. Pkt. 25 cts.

Japonica, New Hybrids. Very vigorous Japanese varieties. Large-leaved and about 1½ feet high, throwing a tall flower-stem. Colors vary from blush white to crimson and maroon, and of many pleasing shades. Pkt. 25 cts.

Sieboldii amoena grandiflora. Beautiful large-flowered varieties. Nice foliage and umbels of flowers ranging in color from white and blush to pink, rose and lavender-blue. 1 ft. Pkt. 25 cts.

Veris grandiflora polyanthus. New giant-flowered varieties. Colors rich. Dark Red, White, Pink, Yellow, Purple, Rose, Mixed. Flowers are 1½ to 2 inches in diameter. Pkt. 25 cts.

Vulgaris (English Primrose). This is the pale yellow, sweet-scented variety. ½ ft. Pkt. 10 cts.

Pimula obconica (see page 46)

RICINUS, continued

Philippinensis. A tall-growing variety with purplish red foliage of a large size. 9 to 12 ft. Pkt. 5 cts., oz. 15 cts.

Sanguineus (Obermani). A very ornamental variety, stalk and fruit-vessels blood-red. 8 ft. Pkt. 5 cts., oz. 15 cts.

Zanzibariensis picturatus. A very handsome plant, foliage almost circular in outline 32 x 35 inches across, forming a very fair parasol. The stem and leaf-stalk of a pinkish hue are overlaid with a gray bloom. The midribs and veins contrast strongly with the olive-green foliage. Pkt. 5 cts., oz. 25 cts.

Zanzibariensis enormis, maculatus, cinerascens, niger, Mixed. All beautiful varieties for specimen plants or groups. It is claimed for Castor Plants that they drive away or disperse moles, the odor of the roots being offensive. Each, pkt. 5 cts., oz. 15 cts.

RIVINIA humilis. TB. A very neat pot-plant, effective on account of its numerous scarlet berries. Early spring-sown seed will produce fruiting plants by fall. 2 ft. Pkt. 10 cts.

PYRETHRUM

Roseum hybridum grandiflorum. HP°. These are new large- or giant-flowered varieties, ranging from light pink to carmine-red. They are elegant for cutting and plants are perfectly hardy. Mixed colors. 2 ft. Pkt. 10 cts.

Double and Semi-double Varieties. A fair percentage true from seed. 2 ft. Pkt. 25 cts.

Foliage or Bedding Varieties

Parthenifolium aureum selaginoides. The beautiful fern-leaved Golden Feather. ½ ft. Pkt. 5 cts.

Parthenifolium aureum lacinatum. Cut-leaf variety. Very nice and valuable for bedding. ½ ft. Pkt. 5 cts.

Parthenifolium aureum. The well-known Golden Feather. Valuable for bedding, etc. ½ ft. Pkt. 5 cts.

RANUNCULUS Asiaticus superbus. HP. Very beautiful strain of large-flowered garden Ranunculus. Very easily raised from seed, which sown in spring or early summer will flower the following spring. Single, semi-double and double flowers in brilliant and varied colors. 1 ft. Pkt. 10 cts.

RICINUS (Castor-Oil Plant)

Nothing we offer surpasses these in sub-tropical effectiveness. Some will very easily reach a diameter of 10 to 12 feet and others a height of 15 feet or more, according to treatment. They respond quickly to feeding and watering, and by removing side growths they will soon screen a window or sunny side of a porch. Beautiful as a solitary plant or in groups. For quickest results start seeds in pots.

Borboniensis arboreus. Tree-like variety with giant leaves. One of the most imposing varieties. 15 ft. Pkt. 5 cts., oz. 15 cts.

Cambodgensis. Beautiful dark foliage and stems, almost black. 5 to 8 ft. Pkt. 5 cts., oz. 20 cts.

Gibsoni. Dark purple leaves and stem of dwarf habit. 4 ft. Pkt. 5 cts., oz. 15 cts.

Gibsoni mirabilis. Both stem and foliage a rich dark brown, the young leaves very glossy. Fruits are remarkably bright carmine. 4 ft. Pkt. 5 cts., oz. 20 cts.

Macrocarpus. White stems and light green leaves. Pkt. 5 cts., oz. 20 cts.

Panormitanus. A beautiful new highly decorative variety that is particularly attractive on account of its sturdy, erect growth and symmetrical outline. The stem, leaf-stalk and fruit capsules are covered with a plum-like bloom. The deeply lobed leaves, 2½ feet and more across on 2-foot leaf-stalks, are lustrous bronze in young state, maturing to an olive-green, the midrib and veins being deep red. 6 to 8 ft. Pkt. 10 cts., oz. 50 cts.

Rudbeckia Newmanni

ROSA

Hybrida grandifora. HP°. These are very easily raised and bloom in a very early stage in pots. They are perfectly hardy and should be planted out as soon as weather permits. 3 ft. Pkt. 10 cts.

Polyantha nana (Miniature Fairy Roses). **HP°.** These form nice little bushes covered with dainty single, semi-double and double flowers, ranging from rose to white. 1½ ft. Pkt. 15 cts.

RUDBECKIA (Cone-flower)

These are profuse summer- and fall-blooming plants that are very showy in beds and borders and are very useful for cutting.

Fulgida compacta. Is a nice dwarf variety 12 to 15 inches high, covered with golden yellow flowers, with a glossy dark brown, almost black cone. Very rich. Pkt. 10 cts.

Fulgida variabilis. This is somewhat taller than the preceding, is also very free; flowers vary in color, some being yellow others bronze-brown, and in others these colors are combined in varying proportion and form, so that quite a variety of showy flowers result. 2 ft. Pkt. 10 cts.

Newmanni. HP. Bright orange with a large black cone. Showy and useful for cutting. 2 ft. Pkt. 15 cts.

SAINTPAULIA Ionantha (the Usambara Violet). **TP°.** Dark green fleshy foliage, spreading over the soil from which spring up violet-like flowers, both as to color and form. It is easily grown from seed, will flower when six months old, and when established will bloom throughout the year. 1 to 2 ft. Pkt. 25c.

SALPIGLOSSIS grandiflora superbissima (Emperor Salpiglossis). **HHA.** A gorgeous display is given by these plants during the hot days and drought of July and August. Their coloring is wonderfully rich and the funnel-shaped flowers are marvelously painted and penciled, having the appearance of numerous overlapping petals. A most satisfactory plant for quite dry situations. Also a fine pot-plant. 2½ to 3 ft. **Yellow, Chamois-Rose, Brown and Gold, Brilliant Crimson, Dark Scarlet, Light Blue, Purplish Violet** and **Mixed.** Each, pkt. 10 cts., ⅛oz. 25 cts.

SALVIA (Sage)

Mainly half-hardy perennials. Most satisfactory bedding plants, the newer varieties all blooming from July to frost. A sunny situation in ordinary soil suits them best, over-rich soil tends to over-growth with later and fewer flowers. 1½ to 3 ft.

Bluebeard. An annual. Valuable for beds, borders and for cutting. Blue purple heads. 1 ft. Pkt. 15 cts.

Farinaceae. Light blue flowers in fine spikes; free. 1½ ft. Pkt. 10 cts.

SALVIA, continued

Splendens (Scarlet Sage). Tall variety. Very rich and free. Late. 2 ft. Pkt. 5 cts., ¼oz. 40 cts.

Splendens, Fireball. Semi-dwarf. Very free and early; splendid bedder. 1½ ft. Pkt. 10 cts., ¼oz. $1.25.

Splendens compacta erecta, Bonfire. Dwarf and free-flowering. An early and constant bloomer. For pots, beds, etc. 1½ ft. Pkt. 10 cts., ¼oz. 75 cts.

Splendens, Lord Fauntleroy. Very dwarf and bushy, as wide as it is high. Very free. Pkt. 10 cts.

Splendens Triumph. Very large florets; early and free. Pkt. 10 cts.

Splendens Zurich. A new dwarf free and early flowering variety. A splendid bedder. 1½ ft. Pkt. 15 cts.

Argentea. HP. Large handsome silvery green leaves and branching heads of large white flowers. 3 ft. 5 cts.

Patens. HP. A lovely blue; very rich. A fine border species. 3 ft. Pkt. 25 cts.

Salvia splendens

SANVITALIA HHA

Free-flowering, spreading plants, suitable for beds, edging or rockwork and nice as a basket plant.

Procumbens. Single yellow with black disk. Durable. ½ ft. Pkt. 5 cts.

Procumbens, Double. Golden yellow; dark center. ½ ft. Pkt. 10 cts.

SAPONARIA (Soap-wort). Dwarf-growing hardy annuals that thrive in poor soil. They are free-flowering. Mixed. Pkt. 5 cts.

SAXIFRAGA **decipiens grandiflora Hybrids. HP.** Charming hybrids, countless flowers in many shades, white to rose and crimson. For edging, rockeries. 1 ft. Pkt. 10 cts.

SCABIOSA

(Mourning Bride; Pin Cushion Flower) HB° & HP°

Extremely free-flowering plants. Splendid for beds and borders. Seed sown in July and August will make nice winter-flowering plants.

Large-flowering Double (*Scabiosa atropurpurea grandiflora*). **HB°.** The Sweet Scabious has been in cultivation so long that its native country is unknown. It is a constant and free bloomer, the plants being masses of color throughout the summer months. Faded flowers should be removed, to husband the strength of plants. 3 ft. **White, Flesh, Rose, Lilac, Cherry-red, Brick-red, Black-purple, Mixed.** Each, pkt. 5 cts., oz. 40 cts.

Large-flowering Double Semi-dwarf. Very nice for beds. 1 ft. **White, Lilac, Black-purple, Fiery Red** and **Mixed.** Each, pkt. 5 cts.

Large-flowering candidissima, Snowball. A fine double white; elegant for cutting. 3 ft. Pkt. 10 cts.

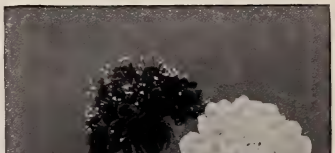
Caucasica. HP°. These are elegant perennial varieties that flower the first season from early-sown seed. Pkt. 10 cts.

Caucasica perfecta, New Fringed. Lovely variety with large deep blue flowers, elegantly fringed. 2½ ft. Pkt. 25 cts.

Caucasica alba perfecta. A pure white variety of the preceding. Pkt. 25 cts.

Caucasica, Diamond (**Mauthneri**). A very fine dark blue shade; large flowers. 2 ft. Pkt. 25 cts.

SCHIZOPETALON **Walkeri.** White, delightfully fragrant in the morning and evening or after a shower. Scatter seeds liberally throughout the borders. 1 ft. Pkt. 10 cts.



Scabiosa grandiflora

SCHIZANTHUS

(Butterfly Flower) HHA

The sight of a few well-grown plants would induce or tempt a novice to grow them. They are simply elegant for decorative use in pots or for cutting. The buds open in water and the sprays last for a week. Best plants are grown from August to September sown seed, with cineraria treatment success is assured. May also be sown at intervals for succession.

Hybrida grandiflora compacta. These are large-flowered with beautiful color combination in the same flower, as white, rose and gold, white, crimson and yellow, violet, blue and yellow, all more or less spotted. 1½ ft. Pkt. 50 cts.

Wisetoniensis, "Excelsior." An improvement on the Wisetoniensis in size and color, with a roguing of good colors, Very fine. 1 ft. Pkt. 50 cts.

Pinnatus candidissimus. A handsome white for decoration, 1½ ft. Pkt. 10 cts.

Pinnatus roseus compactus. Fine rose-colored flowers with blood-red blotch. Equally nice for decorative plant. The two Pinnatus varieties are smaller-flowered than any others listed. 1 ft. Pkt. 10c.

SCYPHANTHUS **elegans** (Cup Flower). A Chilian plant of which a species, Grandiflorum, was introduced in 1827, and lost shortly thereafter. Like the above variety it was a yellow-flowered twining annual, having pretty cut foliage. The variety Elegans attains a growth of 6 feet or more and is literally covered with large golden flowers spotted brown. Pkt. 25 cts.

SEDUM (Stonecrop). **HP.** Neat varieties for pots, rock plants, etc. Pkt. 10 cts.

SEMPERVIVUM (House Leeks). **HP.** Succulents for pots, rockeries, beds, etc. Mixed varieties. Pkt. 25 cts.

SIDALCEA. **Rosy Gem. HP.** Numerous spikes of a bright rose shade. Very beautiful handsome border plant. Thrives anywhere. 2 ft. Pkt. 10 cts.

SENECIO JACOBÆA HHA

These are very satisfactory bedding or border plants, numerous good colors. Continually in bloom and good for cutting.

Double Tall Varieties. Mixed. 1¼ ft. Pkt. 5 cts.

Double Dwarf Varieties. Uniform in height and splendid for beds. Rich colors mixed. 1 ft. Pkt. 10 cts.

SILENE

Armeria, Lobel's (Catchfly). A very thrifty free-flowering annual, with large heads of intense rose-colored flowers of a spicy odor. Faded flowers should be removed, as these go to seed quickly, robbing the plant of nourishment. 1½ ft. Pkt. 5 cts.

Bonneti compacta. A dwarf bushy plant with neat pink flowers freely produced, neat for edging, etc. 1 to 3 ft. Pkt. 5 cts.

Empress of India. Of same dwarf, compact habit as foregoing, with intense crimson flowers, leaves and stems purplish color. Most effective for beds. 1 to 3 ft. Pkt. 10 cts.

Orientalis. HP. A robust border plant with many heads of bright rose flowers, having a clove odor. Nice for cutting. 2½ ft. Pkt. 10 cts.

The Silenes are frequently covered with a viscid secretion, which holds fast the flies, etc. Therefore the common name.

SMILAX

Myrsiphyllum. TP. The popular decorative vine of the florists is readily grown from seed, and will attain a height of 6 to 12 feet. Should have a rich soil. Most suitable for conservatory. Pkt. 10 cts., ¼oz. 25 cts.

The New Myrtle-leaved. Small foliage and considered more decorative than the old variety; is also hardier. Pkt. 25 cts.

SOLANUM

Capsicastrum nanum (Jerusalem Cherry). **HHA.** Handsome dwarf plant with abundance of ornamental scarlet berries. 1 ft. Pkt. 5 cts.

Capsicastrum marginatum. HHP. Large, handsome silver-margined foliage for sub-tropical bedding, etc. 4 ft. Pkt. 5c.

Robustum. HHP. A beautiful and effective species for specimens or groups. The foliage is covered with long spines, young leaves have a brown tint. 5 to 6 ft. Pkt. 5 cts.

The preceding two varieties should be sown in the fall and wintered, or sown very early in February to obtain a good show the first season.

SPHENOGYNE speciosa aurea. Of dwarf spreading habit, having Marguerite-like flowers of a golden yellow color. Nice for edging, beds or rockwork. ½ ft. Pkt. 25 cts.

STEPHANOPHYSUM longifolium. HHP°. Bright scarlet flowers, long and free-flowering; fine. 1½ ft. Pkt. 10 cts.

STEVIA serrata. HHA. Large heads of small cream-white, sweet-scented flowers. Very useful for cutting. 1½ ft. Pkt. 10 cts.

Stock, Bouquet

STOCKS (Mathiola; Gilliflower) HHA

General favorite for bedding, others excellent for pot-plants or cutting. August-sown seed will produce fine plants for spring pot sale or cutting. Seed sown under glass in March will supply nice bedding plants in light soils and may be sown outside in April and May and afford bloom from summer till frost. All delightfully fragrant.

Cut-and-Come-Again Varieties (Ten-Weeks Stock). A large-flowering class of pyramidal habit and very free-flowering. Large flower-spikes and excellent for cutting. 90 per cent double flowers. Very fine for outdoor planting. **Brilliant Rose, Delicate Rose, Dark Blue, Lilac, Carmine, Crimson, Princess Alice** (pure white), **Pure Yellow, Blood-red** and **Mixed.** Each, pkt. 10 cts.

Large-flowering Dwarf Bouquet (Ten-Weeks Stock). This is a class particularly suited for pot-culture, beds or edging. Habit is dwarf and bushy. Height about 8 inches. 90 per cent double flowers. **Brilliant Rose, Dark Blue, Canary-Yellow, Crimson, Light Blue, White** and **Mixed.** Each, pkt. 10 cts.

Large-flowering Dwarf Pyramidal (Ten-Weeks Stock)

A dwarf-growing, very early-flowering class. Excellent for forcing. Fine long spikes of flower. Fine colors and very fragrant. About three to four weeks earlier than the "Nice" Stocks. 90 per cent double flowers.

Sapphire. New deep sapphire-blue. A splendid Stock of delightful color and early-flowering. Pkt. 25 cts.

Stokesia Cyanea

LARGE-FLOWERING DWARF PYRAMIDAL, continued

Snowflake. Very large snowy white. The earliest of the white Stocks. Splendid for cutting or for planting outdoors. Pkt. 25 cts.

Kate Teicher. Very fine light blue. Pkt. 15 cts.

Mauve Beauty. Almost every plant double-flowered; fine for pots and cutting. Pkt. 15 cts.

Mrs. Mary Teicher. Soft delicate salmon color, lovely shade. Pkt. 25 cts.

Rosa Teicher. Delicate light rose. Pkt. 15 cts.

Ruby. A very bright and effective color; loose flower spikes. Pkt. 15 cts.

Princess May. A beautiful light yellow and very early, with florets as large as those of the Early Brompton varieties. Slightly later than the preceding. Pkt. 25c.

Early Brompton, or "Nice" Stocks HB°

These are fine large and early-flowering varieties, serviceable for winter or summer bloom. They are of rapid growth, great durability and very fragrant. Summer sown seed will bloom in eight to ten weeks. Spring sown in about four months. 60 to 75 per cent double-flowered.

Almond Blossom. Tender carmine. Very pleasing. Pkt. 25 cts.

Beauty of Nice. Strong spikes with large blooms of flesh-pink. Pkt. 25 cts.

Belle of Naples. A fine deep pink or old-rose color. Pkt. 25c.

Monte Carlo. A beautiful canary-yellow. Pkt. 25 cts.

Queen Alexandra. A clear rosy lilac, strong spikes, large florets. Pkt. 25 cts.

Victoria. Pure white. Pkt. 25 cts.

Vesuvius. Very large and double blood-red flowers. Pkt. 25 cts.

Mont Blanc. Snow-white. A great improvement on former whites of this class. Excellent for cutting. Pkt. 25 cts.

Souvenir de Monaco. Bright carmine. Pkt. 25 cts.

STOKESIA cyanea (Cornflower Aster). **HP.** Lavender-blue scabiosa-like flower, 4 to 5 inches in diameter. Flowers freely from mid-summer to frost. 1½ ft. Pkt. 10 cts., ¼oz. 30 cts.

STREPTOCARPUS hybrida (Cape Primrose). **TP°.** Dwarf and of neat habit and of easy culture. January-sown seeds produce June-flowering plants. A fine pot-plant that may be had in bloom nearly the entire season. Superb mixture, rich colors. ¾ ft. Pkt. 25 cts.

SWAINSONIA grandiflora. HHP. Very free-flowering greenhouse plants with beautiful locust-like sprays of white and rose flowers. Elegant for cutting. **White, Rose** and **Mixed.** Each, pkt. 25c.

SWEET ROCKET, Hesperis. HP. An old-fashioned flower, sweet-scented and nice for cutting. White, purple and lilac mixed. 2 to 3 ft. Pkt. 5 cts.

TECOMA. These are handsome autumn- and winter-flowering greenhouse plants with tubular flowers, orange-yellow in color, with spotted throat. 1½ ft. Pkt. 25c.

THALICTRUM adiantifolium. HP. A robust form of *T. minus*. Very pretty Maidenhair fern-like foliage. Very neat yellow flowers and thrives anywhere. 1 ft. Pkt. 10 cts.

THUNBERGIA (Black-eyed Susan). **HHA.** Very attractive slender climbing or trailing plants, neat for baskets, porch boxes, etc. **Pure White, White,** black eyed; **Pure Sulphur-Yellow, Sulphur,** black eyed; **Orange,** black eyed; **Sulphur,** white eyed; **Orange,** white eyed; **Mixed.** Each, pkt. 10 cts., ¼oz. 25 cts.

Sweet Peas

Improved varieties are coming thick and fast and many old favorites must of necessity be dropped from the list. Many of the Spencers are very grand Peas, but not fully fixed in character and not as productive as the older varieties. Their size and form, however, render them very attractive and effective. Our stock is grown for us under most favorable conditions and will be found true to name and of excellent quality. The seeds should be sown early in spring or when the ground is not readily prepared in spring, fall sowing may be made, excepting the white seed varieties, which should not be sown until soil becomes quite warm and dry, or they may be started early in pots in greenhouse or frame and planted out as early as the weather permits.

SPENCER, or ORCHID-FLOWERED SWEET PEAS

These are beautiful large wavy petaled varieties, three to four flowers to a stem. As they are shy seeders the price will be proportionately high.

Apple-Blossom Spencer. Rosy pink. Pkt. 10 cts., oz. 25 cts.

Asta Ohn Spencer. Four blossoms to a stem. The best lavender. Pkt. 10 cts., oz. 25 cts.

Beatrice Spencer. White ground, tinted soft pink and buff on standard. Pkt. 10 cts., oz. 25 cts.

Captain of the Blues Spencer. Even larger than Countess Spencer. Standard purple, blue wings. Bright. Pkt. 10c., oz. 25c.

Countess Spencer. Lovely clear pink, darker toward margin. Large flowers. Pkt. 5 cts., oz. 15 cts.

Dorothy Tennant Spencer. A beautiful purple mauve, large and wavy. Pkt. 10 cts., oz. 25 cts.

E. J. Castle. Rich carmine-rose, salmon shaded standard. Pkt. 5 cts., oz. 15 cts.

Enchantress. May be described as a deeper-toned Countess Spencer. Pkt. 5 cts., oz. 15 cts.

Flora Norton Spencer. A bright blue with a tint of purple, large flowers. A heavy bold standard and a fine flower. Pkt. 10c., oz. 25c.

Florence Morse Spencer. A light pink-edged Countess Spencer. Four florets to a stem. Pkt. 5 cts., oz. 15 cts.

George Herbert. A beautiful rosy carmine; very fine. Pkt. 5 cts., oz. 15 cts.

White Spencer Sweet Peas

Gladys Unwin. Lovely light pink. Pkt. 5 cts., oz. 15 cts.

Helen Lewis. Orange-rose wings, which roll and fold. Standard crimson-orange, 2 inches across and fluted. Pkt. 5 cts., oz. 15 cts.

Helen Pierce. Pure white, veined, mottled and marbled with bright blue. The base of the petals does not show the color, the back of the standard is heavily colored. Pkt. 5 cts., oz. 10 cts.

John Ingham. A rich carmine-rose, with veins of deeper shade. Very large. Pkt. 5 cts., oz. 15 cts.

Lovely Spencer. A beautiful Pea, bright pink at base of standard and wings, shading to soft blush and almost white at edges. Large and wavy. Pkt. 10 cts., oz. 25 cts.

Mrs. Routzahn Spencer. Soft rose and buff with primrose, distinctly edged rose. A lovely flower. Pkt. 10 cts., oz. 25 cts.

Mrs. Sankey Spencer. Is a black-seeded white variety with flowers fully as large as White Spencer. Pkt. 10 cts., oz. 25 cts.

Nora Unwin. Pure white, finely waved and fluted. Pkt. 5 cts., oz. 15 cts.

Paradise. This variety, Enchantress and Countess Spencer have been declared practically one and the same. Paradise possibly being a shade deeper in color. Pkt. 5 cts., oz. 15 cts.

Phyllis Unwin. Light magenta-rose and carmine. A light colored John Ingham. Large flower. Pkt. 5 cts., oz. 15 cts.

Primrose Spencer. Three to four flowers to a stem, of a pronounced primrose-yellow. Large and fine. Pkt. 10 cts., oz. 25 cts.

Ramona Spencer. Usually four florets to a stem. Clear white, lined and flaked blush-pink Pkt. 10 cts., oz. 25 cts.

White Spencer. Enormous flowers in great quantity. Three and four blossoms to a long, strong stem. Pkt. 10 cts., oz. 25 cts.

STANDARD SWEET PEAS

All named varieties, pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts., by mail, 85 cts.

Admiration. Pink-mauve on light primrose ground.

Agnes Eckford. Very light pink, a delicate shade.

Apple-Blossom. Standard crimson-pink, wings white, tinted and shaded pink. Generally four blossoms to a stem.

Aurora. Orange-rose, striped on white; large size.

Black Knight. Deep maroon large-sized open flower.

Black Michael. Pure maroon, self-colored, large-sized open flower, a little lighter than preceding.

Bolton's Pink. Pink orange or salmon-pink, veined rose, large-sized; less orange than Miss Wilmot.

Burpee's Earliest White. One of the very earliest and splendid for forcing, black-seeded.

Coccinea. Pure cherry-red; a very distinct shade. Vine quite dwarf.

Countess of Cadogan. Standards purple, changing to lilac and later to blue; wings bright blue.

Countess of Lathom. Cream-pink, self-colored.

STANDARD SWEET PEAS, continued

Dainty. Pure white, edged with light pink on both standards and wings. Very long stems and four-flowered with hardly an exception.

Dorothy Eckford. White-seeded. One of the best pure whites, large wings and standards over 2 inches across.

Duke of Sutherland. Dark violet and purple standard, violet and indigo wings; large size, standard slightly wavy.

Duke of Westminster. Standard clear purple. Wings purple with tint of violet; large.

Earliest of All. A very early Blanche Ferry, plant dwarf. White wings, standard rose.

Golden Rose. Primrose lightly striped and mottled light pink. Very large, wings unusually large and quite wavy.

Horace J. Wright. Standard violet-maroon, wings violet; large size. One of the best dark varieties.

Janet Scott. Clear deep, but bright pink, showing buff at top of standard; very distinct.

Jeannie Gordon. Rose standard, with brighter rose veining on primrose ground. Primrose, wings tinged pink; large size.

Jessie Cuthbertson. Primrose, striped light pink; large-sized.

King Edward VII. Bright red or crimson-scarlet. Very large, open form.

Lady Grisel Hamilton. Standard light mauve, wings lavender; large size. The largest and lightest shade of lavender varieties.

Lord Nelson. Is an improved Navy-blue, being richer and somewhat deeper than that variety.

Lottie Eckford. White standard, quite heavily shaded lilac; wings white, shaded and tinted light lilac, both wings and standard having a rim of deep blue. Large size and inclined to double.

Lovely. Standard and wings deep pink, shading to very light pink at the edges. Vigorous grower. Mostly four blossoms to a stem.

Miss Wilmott. Standard orange-pink, showing veins of deeper orange-pink rose wings, strongly tinted orange; very large. The best of this color.

Mont Blanc. Pure white, medium size. Coming into flower nine weeks from sowing; quite dwarf.

Mrs. Dugdale. Crimson-rose, on primrose ground; very large, shell-shape.

Mrs. Geo. Higginson, Jr. Light lavender almost azure-blue, and almost free of mauve. The clearest blue.

Mrs. Walter Wright. Rose-purple; very large hooded form.

Othello. Very dark maroon, showing veins of almost black; large size hooded form.

Phenomenal. White, shaded and edged with lilac; very large hooded form. Lower blossom usually double. Is really an orchid-flowering variety having the same wavy petals. A hot weather Pea.

Prima Donna. Pure pink hooded form; usually four blossoms to a stem.

Prince Edward of York. Standard scarlet with tint of crimson, wings crimson; large size, open form.

Prince of Wales. Rose-crimson. A very vigorous grower, usually four blossoms to a stem. The largest and finest variety of this shade.

Queen Alexandra. Almost true scarlet. A very effective color.

Queen of Spain. Soft buff pink, a shade lighter than Countess of Lathom.

Queen Victoria. Light primrose-yellow; black-seeded.

Romolo Piazzanni. Rose-purple, changing to lilac and blue; large size.

Royal Rose. Crimson-pink, standard deeper shade at midrib, pink wings, lighter at edge. Very large semi-hooded form.

Sadie Burpee. A pure white when matured, buds and partly open flowers show tints of pink and buff. Large size, black-seeded.

Salopian. Pure red or crimson-scarlet. Large size, clear, bright and rich color. Stands sun quite well.

Shahzada. Deep maroon standard showing veins of almost black; wings dark violet; large size. The darkest of all varieties.

Shasta. A pure white, very large size, open flower. Usually four blossoms to the stem. White-seeded.

Stella Morse. Buff with a tint of pink, showing a little deeper at the edges. Both standard and wings the same. A cream effect.

Sibyl Eckford. Standard light salmon and buff, wings buff.

The Hon. Mrs. E. Kenyon. Light primrose, very large semi-hooded form. The best and latest of this shade.

Large-flowering Superb Mixture. Pkt. 5 cts., oz. 10 cts., 2 ozs. 15 cts., 4 ozs. 25 cts., lb. 60 cts., by mail 70 cts.

Large-flowering Good Mixture. Oz. 5 cts., 4 ozs. 15 cts., lb. 40 cts., by mail 50 cts.

CUPID SWEET PEAS

These spread over the ground like a verbena, 6 to to 8 inches high and 15 to 18 inches across the plants. The growth is very heavy and close, and all light and air possible should be provided. Following varieties may be had to name: **Countess of Radnor, Pink Cupid, Primrose Cupid, Salopian Cupid, White Cupid, Mixed Cupid.** Each, pkt. 5 cts., oz. 15 cts.

Large-flowering Sweet Peas

WINTER-FLOWERING SWEET PEAS

A very desirable class for greenhouse use, being early and continuous bloomers. Also early outdoors, but surpassed in size and quality by other varieties. Sow from August to October for early and succession. Mailed in original packet.

Christmas Captain. An early Captain of the Blues. Pkt. 10 cts., oz. 30 cts.

Christmas Meteor. Scarlet. Pkt. 10 cts., oz. 30 cts.

Christmas Pink. Earliest of all pinks and whites. Pkt. 10c., oz. 30c.

Denzer, Florence. Early white. Pkt. 10 cts., oz. 30 cts.

Dolansky, Mrs. J. F. Daybreak-pink. Pkt. 10 cts., oz. 30 cts.

Earliest of All. Pink and white. Pkt. 5 cts., oz. 10 cts.

Gould, Mrs. Helen M. White wings, lilac standard. Pkt. 15 cts., oz. 50 cts.

Hannan, Marion. Deep rose-pink. 15 cts., oz. 50 cts.

Le Marquis. Dark blue. Pkt. 10 cts., oz. 30 cts.

Lewis, Mrs. Geo. Pure white, orchid-flowered. Pkt. 15c., oz. 50c.

WINTER-FLOWERING SWEET PEAS, continued

Mt. Blanc. Pure white, will flower six weeks after sowing. Pkt. 5 cts., oz. 10 cts.

Reilly, Miss Josey. Wings lavender, blue standard. Pkt. 10 cts., oz. 30 cts.

Sim, Mrs. Wm. Salmon-pink. Pkt. 10 cts., oz. 30 cts.

Smalley, Mrs. W. W. Satin-pink, of good color. Pkt. 15c., oz. 50c.

Stewart, Wm. J. Blue self. Pkt. 10 cts., oz. 30 cts.

Wallace, Mrs. Alex. Lavender, retains color perfectly. Pkt. 10 cts., oz. 30 cts.

Watchung. Pure white, black-seeded; medium dwarf grower. 6 ft. Pkt. 10 cts., oz. 30 cts.

Wilde, Mrs. E. Carmine or dark pink. Pkt. 10 cts., oz. 30 cts.

TORENIA HHA

Very handsome pot-plants and suitable for beds or edging in sheltered situation. ¾ ft.

Fournieri grandiflora. Large flower, an inch and over in diameter; sky-blue, blotched purple, yellow-throated. Pkt. 10 cts.

Fournieri grandiflora alba. White, flushed rose, with yellow throat. Pkt. 10 cts.

Fournieri speciosa. Giant-flowered blue and white. Pkt. 25 cts.

Fournieri speciosa, The Bride. Giant white, with pink. Pkt. 25 cts.

Bailloni. Golden yellow with rich red brown throat. Pkt. 25 cts.

TRACHELIUM **coeruleum. HP.** Small blue gypsophila-like flowers in branched clusters. Very nice for cutting. 1½ ft. Pkt. 10 cts.

TROPÆOLUM **canariense** (Canary-Bird Flower, or Vine. Very elegant vine for trellis or for vases. Bright yellow flowers, neat foliage. 10 to 15 ft. Pkt. 5 cts., oz. 50 cts.

VALERIAN. **HP.** Showy border plants with large heads of sweet-scented flowers. Very nice for cutting. **White, Red Mixed.** Pkt. 5 cts.

VERBENA

A very popular bedding plant. The seeds come true to color, and plants are of surprising vigor compared with plants grown from cuttings. They should be planted at least 15 inches apart in good soil. Seed should be soaked in warm water for an hour or two before sowing. Cover about one-fourth inch deep and firm the soil. Water very carefully, seeds may germinate during a period of four weeks or more. Where plants have been bought and proved unsatisfactory we would urge a trial of seedlings, their wonderful growth and freedom of bloom will repay any extra care required. The plants are useful for bedding, vases, boxes, borders, etc.

Aubletia compacta. Is a distinct reddish lilac-flowered species. Is compact and free flowering, forming an attractive bed from June until frost. 10 inches. Pkt. 10 cts.

Citriodora (Lemon Verbena). See **Aloysia.**

Erinoides (Moss Verbena). These have a low-spreading habit, producing in profusion from June to frost their neat small flowers. 1 ft. Pkt. 10 cts.

Niveni. A very sweet jasmine-scented white flower, free and vigorous. 1½ ft. Pkt. 10 cts.

Venosum. Fine for edging or beds. Violet and purple. 1½ ft. Pkt. 10 cts.

Hybrida compacta. These are elegant dwarf bushy varieties that are splendid for beds, edging or as pot-plants, well suited to use with dwarf Lobelias, etc. 2 to 3 ft. Pkt. 10 cts., ¼oz. 75 cts.

Hybrida grandiflora Mammoth. Flowered varieties having clearly defined margins and large white centers, florets average an inch in diameter. **Blue,** white eye; **Pink, Purple, Scarlet, Striped, White** and **Auricular-flowered.** Each, pkt. 10 cts., ⅛oz. 40 cts., oz. $1.50.

Hybrida Mammoth, Extra Selected Mixed. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.50.

Hybrida Mammoth, Choice Mixed. Pkt. 5 cts., ¼oz. 25 cts., oz. 90 cts.

VERONICA **diosmaefolia. HHP.** Compact. A white-flowering variety free and a fine market plant. Pkt. 25 cts.

VINCA (Periwinkle). **TP°.** Very handsome plants about 1 foot high, dark glossy foliage and in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week. 1 to 1½ ft. **White, Rose, White,** rose-eyed; **Mixed.** Each, pkt. 10 cts.

VISCARIA

Rock Lychnis. Very profuse-blooming annuals allied to the Dianthus, hardy and easily grown anywhere, but prefer hot, sunny situations. For beds, lines, etc. Mixed. Pkt. 5 cts.

Oculata candida. A new white-flowering variety, forming plants about 1½ feet high and as much across; very free-flowering and fine for cutting. Florets 1 to 2 inches in diameter. Pkt. 15 cts.

VIOLA. See **Pansies.**

WALLFLOWER

Cheiranthus Kewensis. HP°. New so-called annual varieties. These bloom four to five months after sowing, and by making successional sowings flowers may be had almost the year round. They are delightfully fragrant, of a sulphur-yellow shade passing gradually to orange-yellow and violet. Pkt. 10 cts.

Annual Blood-red. Orange to blood-red. ¾ ft. Pkt. 10 cts.

Annual Yellow. Bright yellow. ¾ ft. Pkt. 10 cts.

Dwarf German Wallflower (*C. Cheiri*). **HP.** Fine large spikes of large sweet-scented flowers. Very nice for borders or pot-plants. Splendid mixture of all sorts. Pkt. 25 cts.

WIGANDIA **Imperialis. HHP.** This is a splendid new species superior to all the other varieties for subtropical effect. Sow in February for fine plants. Give plenty of manure and water. Pkt. 10 cts.

WILD CUCUMBER (Echinocystis). A very rapid-growing annual vine. Pkt. 5 cts., oz. 30 cts.

Zinnias

ZINNIA

Half-hardy annuals that have been wonderfully improved. The double-flowered varieties have attained elegance of form and the colors are glorious. Many are beautiful for cut-flower decorations. The pure white salmon and rich shades of yellow, with crimsons and scarlets are all highly effective and very durable. These may be sown in latter part of March in boxes or outdoors in May. If transplanted, it should occur at an early stage.

Crested Double. Very bright handsome flowers with crested and curled petals. Very fine varieties. Pkt. 5 cts., ¼oz. 25 cts.

Giant Double. Mammoth flowers, broad-petaled, rich and brilliantly colored. Pkt. 5 cts., ¼oz. 25 cts.

Elegans hybrida. Single-flowered varieties. 1½ ft. Pkt. 10 cts.

Haageana hybrida. A new class of single- and double-flowered varieties in manifold colors passing through yellow and orange to violet; fine for bedding. 1 ft. Pkt. 10 cts.

Double Lilliput. Elegant small pompon flowers, very nice for beds, etc. 1 ft. **Crimson, Lilac, Gold, Orange, Scarlet, White, Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

Double Miniature, or **Tom Thumb.** A very charming bushy variety that come true from seed, 60 to 75 per cent. They vary somewhat in height, covered with small brilliant flowers in variety. 6 to 8 in. Pkt. 5 cts., ¼oz. 25 cts.

Double Gracillima. Beautiful little round plant covered with fiery red, small flowers. Excellent for beds or edgings. Pkt. 10 cts.

Double Yellow Gracillima. Nice for beds and edging. Pkt. 10c.

Large-flowering Tall. Very fine strain. Splendid for beds or cutting. **Carmine, Rose, Pink, Flesh, Crimson, Scarlet, Dark Scarlet, Sulphur-Yellow, Golden Yellow, White, Lilac, Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

Double Semi-dwarf Large-flowered. Elegant for beds as well as for cutting. Very rich colors. **Salmon, Flesh, Violet, Purple, Purple-Carmine, Jacqueminot, Crimson, Scarlet, Fireball, Snowball, White, Sulphur-Yellow, Orange, Golden Yellow, Canary, Mixed.** Each, pkt. 5 cts., ¼oz. 25 cts.

Bulbs, Roots and Tubers for Spring Planting

TUBEROUS BEGONIAS

Bloom constantly during the summer. Desirable both for pots and beds. Flowers large and brilliant. Bulbs 1¼ inch and up in diameter.

Marmorata. Compact grower, with double marbled flowers; plain and fringed; free and distinct, 30 cts. each, $3 per doz.

Graf Zeppelin. A very fine large double scarlet. Most effective. 15 cts. each, 2 for 25 cts., $1.25 per doz.

La Fayette. Large double scarlet and orange; very fine. 15 cts. each, 2 for 25 cts., $1.25 per doz.

Crested (*B. Hybrida gigantea cristata*). Flowers of immense size, with a peculiar crest or beard attached to the petals. Red, pink, yellow and terra-cotta in mixture. 15 cts. each, 2 for 25 cts., $1.25 per doz.

Single Fringed (*B. Crispa*). Flowers beautifully fringed, stems erect, shades of red, rose, white and salmon in mixture. 10 cts. each, $1 per doz., $7.50 per 100.

Single, Pink, Rose, Salmon, Scarlet, White and **Yellow.** 5 cts. each, 55 cts. per doz., $4 per 100.

Double Pink, Rose, Scarlet, White and **Yellow.** 7 cts. each, 80 cts. per doz., $6 per 100.

CALADIUMS

Esculentum (Elephant's Ear). Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Very imposing in appearance when developed. They need very rich soil and an abundance of water.

MAMMOTH SIZE. 75 cts, each, by mail $1; $7.50 per doz. by express.
EXTRA LARGE. 11 to 13 inches in circumference. 25 cts. each, by mail 40 cts.; $2.50 per doz. by express, $15 per 100.
FIRST SIZE. 9 to 11 inches in circumference. 20 cts. each, by mail 30 cts.; $1.50 per doz. by express, $10 per 100.
SECOND SIZE. 7 to 9 inches in circumference. 10 cts. each, by mail 20 cts.; $1 per doz. by express, $7.50 per 100.
THIRD SIZE. 5 to 7 inches in circumference. 7 cts. each, by mail 15 cts.; 75 cts. per doz. by express, $5 per 100.

Fancy-leaved. Succeeds well outdoors in partially shaded places. The leaves are beautifully painted with different bright colors, often delicately veined. In 20 Named Varieties, bulbs 1 to 2 inches in diameter. 15 cts. each, $1.25 per doz., by mail, $1.50, $10 per 100, 1 each set of 20 for $2.50.

Tuberous Begonia

Large-Flowering Canna

Choice Large-Flowering Cannas

For grouping on lawns, or for large beds, no plants are more effective. They bloom soon after planting. We offer the following choice varieties. Foliage green where not noted.

ORCHID-FLOWERING

Allemania. Flowers enormous size, rich orange-red, bordered with yellow. 4 to 5 feet. 7 cts. each, 75 cts. per doz., by mail 90 cts., $5 per 100.

Austria. Large yellow flowers with small specks of red in the throat. 4 to 5 feet. 7 cts. each, 75 cts. per doz., by mail 90 cts., $5 per 100.

Burbank. Giant rich sulphur-yellow flowers, inner petals dotted red. 4½ feet. 7 cts. each, 75c. per doz., by mail, 90c., $5 per 100.

Indiana. Beautiful orange flowers of good substance. One of the best of the class. 5 feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Pennsylvania. Flowers 6½ inches in diameter, intense vermilion-scarlet overlaid with an orange sheen. 5 feet. 7 cts. each, 75 cts. per doz., by mail 90 cts., $5 per 100.

King Humbert. The grandest of Orchid-flowering Cannas. Flowers of immense size, brilliant orange-scarlet flamed and marked with bright crimson. Foliage is rich purple-bronze, veined and marked with greenish-bronze, leaves broad and massive producing a grand tropical effect. 15 cts. each, $1.50 per doz., by mail $1.65, $9.50 per 100.

Louisiana. Giant flowers 6 to 7 inches across. Vivid crimson with a velvety sheen, trusses of bloom very large and stand well above the green foliage. 6 to 7 feet. 8 cts. each, 80 cts. per doz., by mail, 95 cts., $6 per 100.

If you desire a perfect lawn, use our EVER-GREEN LAWN SEED

RED-FLOWERED CANNAS

Alphonse Bouvier. Flowers rich scarlet with darker sheen. One of the best red. 4½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Beaute Poitevine. Dark scarlet flowers, covered with dark crimson which, although barely visible, produces a rich velvety appearance. 3 feet. 8 cts. each, 80c. per doz., by mail 95 cts., $6 per 100.

Chas. Henderson. Large flowers of rich crimson covered with velvet sheen, heavy petals, yellow marking in throat. 3½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Crimson Bedder. One of the choicest of all bedders. Flowers bright crimson-scarlet. Very showy. A constant bloomer. 4 feet. 8 cts. each, 80 cts. per doz., by mail, 95 cts., $6 per 100.

David Harum. Large clusters of vermilion red flowers, dotted crimson. Foliage rich bronze. 3 feet. 9 cts. each, 90 cts. per doz., by mail $1.05, $7 per 100.

Egandale. Soft currant-red flowers. A favorite bronze-leaved variety. 4 feet. 9 cts. each, 90 cts. per doz., by mail $1.05, $7 per 100.

Express. Large rich crimson flowers, with dark velvety sheen, flowers are borne in immense trusses. 2½ feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per 100.

Jean Tissot. Intense crimson, overlaid with dark orange sheen and dotted with darker crimson. 5 feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per 100.

J. D. Cabos. Large bright apricot-orange flowers with pinkish sheen. Very attractive. Foliage bronzy-green. 3½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

President Meyer. Large cherry-carmine flowers in immense trusses; bronze foliage. 4 feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per 100.

Rubin. Large bright flowers, covered with rich dark velvety sheen, broad petals with crinkled edge. Foliage bronzy green. 4½ feet. 10 cts. each, $1 per doz., by mail $1.65, $7.50 per 100.

Secretaire Chabane. Orange-salmon flowers changing to salmon-pink. Each petal having an orange-red stripe through its center. 4 feet. $8 each, 80 cts. per doz., by mail 95 cts., $6 per 100.

PINK-FLOWERED

Eastern Beauty. Very large flowers of beautiful light salmon-pink, changing to a lovely shade of shell-pink. Foliage bronzy green. 4½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Martha Washington. Very large bright rose-pink flowers, overlaid with a carmine tint, very handsome. 3 feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Mlle. Berat. Dark carmine-pink. Flowers large with long heavy petals. Stand sun and storm well. 4½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Paul Marquant. Very large salmon flowers which change to salmon-pink. Faintly streaked and dotted with carmine. 4 feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

YELLOW-FLOWERED

Buttercup. Large beautifully formed flowers of a rich buttercup-yellow. Trusses large. Stands sun and storm well. 3 feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per 100.

Florence Vaughan. Flowers sulphur-yellow dotted with crimson. One of the best. 4½ feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

R. Wallace. Largest flowered of all yellows. Pure sulphur-yellow with scattering dots of red. 4½ feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per doz.

VARIEGATED FLOWERS

F. R. Pierson. Large rich dark scarlet flowers with yellow markings. A choice variety. 3 feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

Mad. Crozy. Vermilion-scarlet, rich and beautiful with a narrow gilt edge. A great favorite. 2½ feet. 8 cts. each, 80 cts, per doz., by mail 95 cts., $6 per 100.

Souv. de Antoine Crozy. Intense scarlet bordered with rich yellow, large trusses. 3 feet. 9 cts. each, 90 cts. per doz., by mail $1.05, $7 per 100.

WHITE-FLOWERED

Alsaice. Beautiful creamy white, makes a beautiful contrast when planted with dark-foliaged varieties. 4 feet. 8 cts. each, 80 cts. per doz., by mail 95 cts., $6 per 100.

FOLIAGE VARIETIES

Black Beauty. The darkest and most magnificent of purple-leaved Cannas. Leaves shiny dark purple, rich and glossy. 5 feet. 10 cts. each, $1 per doz., by mail $1.15, $7.50 per 100.

King of the Bronzes. Rich bronzy green foliage. The Musa-like leaves are heavily shaded with purplish bronze. 7 feet. 7 cts. each, 75 cts. per doz., by mail 90 cts., $5 per 100.

Musafolia. Great Musa-like leaves of rich dark green, edged with bronze. 8 feet. 7 cts. each, 75c. per doz., by mail 90c., $5 per 100.

CHOICE MIXTURE OF CANNAS

Doz. 50 cts., by mail, 65 cts., $3.50 per 100.

Cactus Dahlia

DAHLIAS

DECORATIVE AND SHOW DAHLIAS

Stately and handsome autumn-blooming flowers. We offer here the 12 very best varieties.

All varieties 15 cts. each, 25 cts. for 2, $1.25 per doz., $9.50 per 100

Clifford W. Bruton. Excellent canary-yellow.
Eureka. Deep rose; quilled petals.
Jumbo. Rich glowing crimson; large flowers.
Lyndhurst. Intense rich vivid scarlet.
Princess Victoria Louise. Deep rose-pink.
Sylvia. Rich pink, white center.
Arabella. Pale primrose, tipped old-rose and lavender.
Black Diamond. Purple-garnet, shaded black.
Marguerite Bruant. Pure white, dwarf and free.
Mary D. Hallock. Pure yellow, full and free-flowering.
Orlando. Buff salmon, shaded rose amber.
Souv. de Mme. Moreau. Deep rich pink.

CACTUS DAHLIAS

Aegir. Rich bright crimson-scarlet.
Else. Base of petals buttercup-yellow, gradually shading through amber to tyrian-red at the tips.
Juliet. Bright rosy pink, shading to white center.
Kriemhilde. Brilliant pink, shading through creamy to white center.
Master Carl. Clear orange-salmon; of good substance.
Mrs. Chas. Scott. Old gold, shaded apricot; a most artistic and lovely flower.
Mrs. G. Stevenson. Sparkling bright yellow; a most perfect flower.

CACTUS DAHLIAS, continued

Mrs. H. J. Jones. Bright scarlet, with cream white edges.
Reliable. Madder carmine.
Rev. D. R. Williamson. Deep velvety crimson, edged bright carmine.
Strahlein Krone. Intense cardinal-red.
Yellow Gem. Pure light yellow.

SINGLE DAHLIAS

Ami Barillet. Scarlet-crimson flowers, dark bronze foliage.
Juno. White tipped lavender, yellow disc.
Lord Roseberry. Bright orange, splashed scarlet.
Nance. Clear soft lavender.
Nellie Hughes. Deep rosy lake, light disc.
New Seedling. Large, white, suffused pink, spotted red.

CENTURY DAHLIAS

Big Chief. A new double Century; brilliant cherry-red, margined velvety maroon.
Crimson Century. Glowing crimson, sometimes streaked or blotched white.
Lavender Century. Delicate lavender.
Maroon Century. Rich velvety maroon.
Rose-Pink Century. Clear rose pink, immense size; perfect form and of great substance.
Twentieth Century. Rosy crimson, with white tips.

POMPON DAHLIAS

Allie Mourey. Pinkish white, tipped deep pink.
Catherine. Pure lemon-yellow.
Klein Domitea. Salmon-buff.
Sunshine. Intense vivid scarlet.

Gladioli

GLADIOLI

Summer-flowering bulbs of the very easiest culture and with a wide range of color. Elegant for the garden or beautiful for cut-flower purposes. For the latter use they should be cut when the first flower opens, the balance of buds will develop when spikes are placed in water and thus greatly protract the blooming term. Plantings may be made every two weeks to provide for a succession of bloom. We offer the leading mixtures and a selection of excellent named varieties.

By mail, 10 cts. per doz. extra

America. The elegant new soft lavender-pink variety. Large flower. 7 cts. each, 75 cts. per doz., $5 per 100.

Iris Kæmpferi (see page 56)

GLADIOLI, continued

Augusta. A very fine white, strong grower, large spikes. 4 cts. each, 40 cts. per doz., $2.50 per 100.

Brenchleyensis. The old standard scarlet. Large spike. 3 cts. each, 25 cts. per doz., $1.75 per 100.

Gertrude. A fine deep cherry-pink of good habit. Strong and free. 5 cts. each, 50 cts. per doz., $3.50 per 100.

Klondike. An early garden Gladiolus of medium height. Fine yellow bedder. 5 cts. each, 50 cts. per doz., $3.50 per 100.

May. Lovely pure white, flaked rosy crimson, good spike. 4 cts. each, 40 cts. per doz., $2.50 per 100.

1900 Red. Deep scarlet, lower petals almost white, throat blotched purple. 3 cts. each, 30 cts. per doz., $2 per 100.

White and **Light Shades.** 4 cts. each, 40c. per doz., $2.50 per 100.

Yellow and **Orange Shades.** 5 cts. each, 50 cts. per doz., $3.75 per 100.

Pink Shades. 3 cts. each, 30 cts. per doz., $2.25 per 100.

Striped and **Variegated.** 4 cts. each, 40c. per doz., $2.50 per 100,

Scarlet and **Red.** 2 cts. each, 20 cts. per doz., by mail 30 cts., $1.25 per 100.

Lemoine's Hybrids. 3 cts. each, 30 cts. per doz., $2 per 100.

Childsi. First quality. Mixed, 3c. each, 30c. per doz., $2.25 per 100.

Groff's Hybrids. 3 cts. each, 30 cts. per doz., $2 per 100.

Selected Red and **Colors.** Made up from the finest specimens selected from best varieties from all growers, the choice of finest-colored seedlings, strictly fancy. 4 cts. each, 40 cts. per doz., $3 per 100.

Pan-American Mixture. This superb mixture is the finest we have ever offered. 1st size, 3 cts. each, 30 cts. per doz., $2.25 per 100. 2d size, 25 cts. per doz., $1.75 per 100.

Standard Mixed. An excellent mixture with wide range of colors, very satisfying in effectiveness for bedding. 2 cts. each, 20 cts. per doz., $1.25 per 100.

GLOXINIAS

Fine for pot culture. Place in a 3-inch pot and shift to a larger one when required. Loves warmth and moisture, but the leaves should never be wet; blooms a long time. 7 cts. each, 80 cts. per doz., by mail 90 cts.; $5 per 100.

IRIS

Kaempferi (The Japanese Iris). Very handsome summer-flowering varieties, blooming from June to August. They prefer rich, moist soil, but will thrive in any fair soil.
5 Choicest Double-flowered. 25c. each, $2.50 per doz., $15 per 100.
10 Choicest Single-flowered. 25c. each, $2.50 per doz., $15 per 100.

Germanica. Very handsome and thrives anywhere.
Gracchus. Crimson and white. Very showy. 10c. ea., $1 per doz.
Purple King. Purple. Very effective. 10 cts. each, $1 per doz.
Bergiana. Large yellow, black spotted. 10 cts. ea., $1 per doz.
Mrs. H. Darwin. Standards white, marked purple. 10 cts. each, $1 per doz.
Finest Mixed. $1 per doz., $7 per 100.

LILIES (For spring planting)

Auratum (Gold-banded Lily). 15c. ea., by mail 20c., $1.50 per doz.
Album. White; fragrant. 18 cts. each, by mail 23 cts., $2.50 per doz.
Rubrum. White, spotted crimson. 15 cts. each, by mail 20 cts., $1.50 per doz.
Melpomene. White suffused crimson. 15 cts. each, by mail 20 cts., $1.50 per doz.
Tigrinum fl. pl. Double orange. 8 cts. each, by mail 10 cts., 75 cts. per doz., $5 per 100.
Tigrinum splendens. Rich scarlet, dark spots. 8 cts. each, by mail 10 cts., 75 cts. per doz., $5 per 100.

PEONIES

Very showy hardy plants that will thrive anywhere.
Double Red. 15 cts. each, by mail 25 cts., $1.50 per doz.
Double White. 25 cts. each, by mail 35 cts., $2.50 per doz.
Double Pink. 20 cts. each, $2 per doz.

PEONIES NAMED VARIETIES

A collection of choice sorts, distinct and desirable.
Crimson Beauty. 30 cts. each, $3 per doz.
Festiva Maxima. Enormous flowers; snow-white, with cream-white base; very fragrant. 30 cts. each, $3 per doz.
Formosa Superba. Large; clear pink. 30 cts. each, $3 per doz.
L'Eclante. Dark blood-red, with purple reflection. 30 cts. each, $3 per doz.
Madame de Verneville. Pure white, round-shaped flowers. 30 cts. each, $3 per doz.
Madame Flavel. Glossy pink, dark center. 30c. ea., $3 per doz.
Madame Emile Gaule. Clear pink with a lighter colored center. 30 cts. each, $3 per doz.
Marie Lemoine. A solid massive flower, ivory-white; very late. 30 cts. each, $3 per doz.
Mont Blanc. Snowball-shaped flowers of white, with lemon center; early and fragrant. 30 cts. each, $3 per doz.
Monsieur Charles Leveque. Beautiful rose, with salmon-pink center; a lovely color. 30 cts. each, $3 per doz.

Miscellaneous Bulbs and Flowering Roots

ALSTROMERIA. Showy flower-spikes of rosy white to orange-red, produced from July to Sept. 15 cts. each, $1.50 per doz.

AMARYLLIS formosissima. Brilliant crimson flowers. 15 cts. each, by mail 25 cts., $1.50 per doz.

ANEMONES. Wonderfully varied in color and very fine for cutting.
Coronaria, Double. Blue, Red, Rose and Mixed. 3 cts. each, 30 cts. per doz., $2 per 100.
Coronaria, Single. Blue, Scarlet, White and Mixed. 3 cts. each, 25 cts. per doz., $1.50 per 100.

APIOS tuberosa. Hardy climbers; flowers resembling Wistaria. 5 cts. each, 50 cts. per doz., by mail 60 cts.

ARUM cornutum. Monarch of the East. Red Calla. Flowers red, spotted black. Palm-like foliage. 15 cts. each, $1.50 per doz.

BESSERA elegans (Coral Drop). Coral-red with white cups. Blooms all summer. 2 cts. each, 20 cts. per doz., $1.50 per 100.

CALOCHORTUS (Butterfly Tulips). Many colors mixed, white, rose, lilac, yellow, purple and white. 7 cts. each, 75 cts. per doz.

CYCLOBOTHRA flava. Golden yellow with dark spots. 2 cts. each, 20 cts. per doz., $1.50 per 100.

COOPERIA Drummondi (Evening Star). Pure white; blooms all summer. 2 cts. each, 20 cts. per doz., $1.50 per 100.

CALLA Elliottiana. A beautiful variety from South Africa, with a broad trumpet-like tube of a very rich pure yellow, leaves spotted with white. A splendid acquisition. 25 cts. each, $2.75 per doz.
Spotted-leaved. Foliage beautifully spotted white. 5 cts. each, 50 cts. per doz., by mail 60 cts.

CINNAMON VINE. Hardy rapid-growing climber. 5 cts. each, 50 cts. per doz., by mail 60 cts.

HYACINTHUS candicans. Tall spikes of pure white bell-shaped flowers. 5 cts. each, 50 cts. per doz., by mail 60 cts.

IRIS Florentina. Elegant creamy white flowers. 10 cts. each, $1 per doz.
Pseudacorus. Distinct golden yellow flowers. 15 cts. each, $1.50 per doz.
Sibirica. Purplish blue flowers. 15 cts. each, $1.50 per doz.

LILY-OF-THE VALLEY. Clumps 25 cts. each, $2.50 per doz.

MONTBRETIA. They flower during July and August and are very nice for cutting, lasting well and being effective.
Crocosmaeflora. Branched spikes of large showy brilliant red flowers shaded yellow. 2 cts. each, 20 cts. per doz., $1.50 per 100.
Drap d'Or. Rich, deep golden yellow, shaded apricot. 2 cts. each, 20 cts. per doz., $1.50 per 100.
Etoile de Feu. A large brilliant flower, intense vermilion, shaded orange. 2 cts. each, 20 cts. per doz., $1.50 per 100.
Solfatara. Orange-yellow. 3 cts. each, 30c. per doz., $2 per 100.
Pottsii rosea. Very fine rose-colored variety; nice for cutting. 2 cts. each, 20 cts. per doz., $1.50 per 100.
Talisman. Rich vermilion; late. 2 cts. each, 20 cts. per doz., $1.50 per 100.

MILLA biflora (Frostwork). Fragrant, white, wax-like flowers. 2 cts. each, 20 cts. per doz., $1.50 per 100.

MADEIRA VINE. A favorite rapid-growing climber. 3 cts. each, 25 cts. per doz., by mail 35 cts.

OXALIS. Summer-blooming variety. 5 cts. each, 50 cts. per doz., $4 per 100.
Dieppi. Pure white and deep rose-pink.
Dieppi rosea. Pink.

TIGRIDIA. Brilliant shell-like flowers of great beauty. 5 cts. each, 40 cts. per doz., by mail 50 cts.

TUBEROSE, Excelsior Pearl. Dwarf and compact, large, well-cured bulbs. 10 cts. for 3, 30 cts. per doz., $2 per 100; by mail, 15 cts. for 3, 42 cts. per doz.

XANTHOSOMA (Similar to Caladiums).
Bataviensis. This species has great arrow-shaped leaves, mounted on rich purple stalks. A noble plant. 25 cts. each, $2.50 per doz.
Marshalli. Very quick-growing; leaves green, medium size, on dark stems, especially good for bedding. 25c. each, $2.50 per doz.

ZEPHYRANTHES Candida. Large-flowering, pure white crocus-like. 5 cts. each, 50 cts. per doz.

CALIFORNIA PRIVET For Ornamental Hedges

Now used very extensively for ornamental hedges; of very free growth and thrives under the most adverse conditions. Foliage dark, glossy green and remains on the plant until severe winter sets in. Of very rapid and uniform growth and will form a fine hedge in a few years.

Plant 10 to 15 inches apart, according to size of plants, in double rows, alternating the plants; requires a severe pruning the first two or three years to produce a dense hedge from the base up.

Orders also booked for spring delivery

	100	1,000
12 to 18 inches high	$3 50	$30 00
18 to 24 inches high	4 50	40 00
24 to 36 inches high	5 50	50 00

GRASS SEED, Highest Grade

Prices variable. Prices of Grass Seed fluctuate; rates here given are those ruling at this date. For Grass Seed sent by mail, add postage at the rate of 8 cts. per lb. to prices. Write for special prices on large quantities.

We sell only the highest grade of grass seeds produced; of most of the grass seeds here offered there are various grades on the market—as many as five grades of some varieties. The weight of the best grades of grass seed is in some cases double the weight of lower grades of seed, consequently there is a corresponding difference in value and cost. We shall be pleased to submit samples.

Creeping Bent (*Agrostis stolonifera*). Succeeds well in moist situations. Bus. 15 lbs. Lb. 35 cts., 10 lbs. $3.20, 100 lbs. $30.

Crested Dog's Tail (*Cynosurus cristatus*). Valuable for pasture on hard dry soils. Bus. 21 lbs. Lb. 40 cts., 10 lbs, $3.80, 100 lbs. $36.

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Flourishes well on dry and sterile soils; well suited for lawns. Bus. 14 lbs. Lb. 45 cts., 10 lbs. $4.10, 100 lbs. $39.

Hard Fescue (*Festuca duriuscula*). Thrives well in dry situations where many other grasses will not grow. Bus. 14 lbs. Lb. 25c., 10 lbs. $2.20, 100 lbs. $20.

Italian Rye (*Lolium Italicum*). Thrives in any soil and yields abundant crops. Bus. 22 lbs. Lb. 15 cts., 10 lbs. $1 20, 100 lbs. $10.

Kentucky Blue (*Poa pratensis*). Sow in fall or spring at the rate of two or three bushels per acre. Our seed is free from chaff and may be sown almost as easily as Timothy. Fancy quality. Lb. 25c., bus. of 14 lbs. $2.50, 100 lbs. $16.

Lawn Grass. See third page of cover.

Meadow Fescue (*Festuca pratensis*). Valuable for mixtures for permanent pastures. Bus. 22 lbs. Lb. 25c., 10 lbs. $2.25, 100 lbs. $20.

Meadow Foxtail (*Alopecurus pratensis*). Desirable for permanent pasture on moist soil; early, and rapid in growth. Bus. 7 lbs. Lb. 35 cts., 10 lbs. $2.80, 100 lbs. $26.

Orchard (*Dactylus glomerata*). Rapid in growth and yields a large aftermath; earlier than other grasses. Choicest grade. Lb. 25 cts., bus. of 14 lbs. $2.50, 100 lbs. $16.

Perennial Rye (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to 1½ bushels per acre. Bus. 22 lbs. Lb. 15 cts., 10 lbs. $1.15, 100 lbs. $9.

Sweet Vernal (*Anthoxanthum odoratum*). Mixed with other grasses, it is valuable for pasture on account of its earliness; pleasant in fragrance. Lb. 75 cts.

Red Top (*Agrostis vulgaris*). Very suitable for pasture on low ground. **Choice,** lb. 15 cts., bus. of 14 lbs. $1.70, 100 lbs. $10. **Fancy,** lb. 25 cts., bus. of 32 lbs. $5.75, 100 lbs. $16.

Red, or **Creeping Fescue** (*Festuca rubra*). Very suitable for sandy or dry impoverished soil, gravelly banks or bleak hillsides; withstands extreme drought. Bus. 14 lbs. Lb. 25 cts., 10 lbs. $2.25, 100 lbs. $20.

Rhode Island Bent (*Agrostis canina*). A very fine variety for lawn or pasture. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $3.20, 100 lbs. $30.

Rough-stalked Meadow (*Poa trivialis*). Valuable both for moist and dry soils. Bus. 14 lbs. Lb. 35c., 10 lbs. $2.80, 100 lbs. $26.

Sheep Fescue (*Festuca ovina*). Short, very thick in growth; excellent for sheep pasture. Bus. 12 lbs. Lb. 25 cts., 10 lbs. $2.20, 100 lbs. $20.

Tall Meadow Fescue (*Festuca elatior*). Early; suitable for pasture mixtures on wet land. Bus. 14 lbs. Lb. 35 cts., 10 lbs. $2.75, 100 lbs. $25.

Tall Meadow Oat (*Avena elatior*). Rapid and luxuriant in growth; valuable for soiling. Bus. 15 lbs. Lb. 35 cts., 10 lbs. $2.80, 100 lbs. $26.

Various-leaved Fescue. Thrives in cold, moist soils and in shaded places. Bus. 15 lbs. Lb. 30 cts., 10 lbs. $2.45, 100 lbs. $22.

Timothy (*Phleum pratense*). Leading grass for hay. 45 lbs. to bushel. Best grades only. Market price.

Wood Meadow (*Poa nemoralis*). Very suitable for sowing under trees. Catches quickly and well. Bus. 14 lbs. Lb. 55 cts., 10 lbs. $5.20, 100 lbs. $50.

Yellow Oat Grass (*Avena flavescens*). Adapted for sowing in mixture with other grasses for dry meadows and pastures. Lb. 60 cts.

Red Top Grass

SPECIAL GRASS SEED MIXTURES

Meadow, or **Pasture.** On good land. For one acre. 35 lbs. Bushel of 20 lbs. $3.

Permanent Pastures. On good land. Gives a good, thick, heavy sod that yields abundant pasturage for live stock. For one acre, 35 lbs. Bushel of 20 lbs. $3.50.

CLOVER SEED (Highest Grades Only)

Prices variable. Add 8 cents per pound for postage

Alsike, or **Swedish** (*Trifolium hybridum*). Fine for pasturage or for ensilage. Lb. 25 cts., bushel of 60 lbs. market price.

Alfalfa, or **Lucerne** (*Medicago sativa*). Will bear cutting three or four times during the season. Best clover for bringing up poor land. Lb. 25 cts., bushel of 60 lbs. market price.

Crimson Clover (*Trifolium incarnatum*). Very productive; greedily eaten by cattle. Lb. 15 cts., bushel of 60 lbs. $5.50.

Mammoth Red Clover (*Trifolium pratense perenne*). Best grade. Bushel of 60 lbs. market price.

Red Clover (*Trifolium pratense*). Best grade. Bushel of 60 lbs. market price.

White Dutch Clover (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. Highest grade of seed. Lb. 30 cts., 10 lbs. $2.80, 25 lbs. $6.75, 100 lbs. $26.

INSECTICIDES AND FUNGICIDES

Aphis Punk. A convenient preparation of nicotine for fumigating. Box of 12 rolls, 60 cts.; case of 12 boxes, $6.50.

Arsenate of Lead. A very effective mineral insecticide for all leaf-eating insects, especially codling moths, caterpillars and elm beetles. Dilute 1 lb. to 50 qts. of water. Lb. 25 cts., 5 lbs. $1.15.

Bordeaux Mixture. For black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Qt. 40 cts., gal. $1, 5 gals. $4.50.

Bordeaux Mixture, Dry. One pound, when dissolved, will make 5 gals. of liquid. Lb. 25 cts., 5 lbs. $1, 10 lbs. $1.80.

Bug Death. A fungicide, insecticide and plant-food combined. Non-poisonous and very effective for cabbage and tomato worms, potato and cucumber bugs. Apply with duster in powder-gun. Lb. 15 cts., 3-lb. pkg. 35 cts., 5-lb pkg. 50 cts., 12½-lb. pkg. $1, 100-lb. pkg. $7.50. Bug Death Duster for applying, 25 cts.

Carter's Worm Eradicator. A non-poisonous preparation. Very efficacious in destroying the worms that infest lawns; when applied, the worms come to the surface and die. Lb. 15 cts., by mail 30 cts.; 5 lbs. 60 cts., 10 lbs. $1, 25 lbs. $2, 50 lbs. $3.50, 100 lbs. $6.

Copper Solution. For mildew, blight and rust on fruits, flowers and vegetables; dilute 100 times with water and spray. Qt. 50 cts., gal. $1.50.

Fir Tree Oil Soap. Fir tree oil prepared in soap form. Lb. 45 cts., 5 lbs. $2.

Fir Tree Oil. Destroys all kinds of insects. Dilute according to directions, apply with syringe, or by dipping the plant in it. ½pt. 40 cts., pt. 75 cts., qt. $1.25, ½gal. $2.40, gal. $4.50.

Fly Spray (Target Brand). For keeping all kinds of flies, mosquitos and other insects from annoying your stock. Non-poisonous. Qt. 40 cts., gal. $1, 5 gals. $4.

INSECTICIDES AND FUNGICIDES, continued

Fostite. Best remedy for mildew, black-rot, leaf-mold, etc. Lb. 15 cts., 5 lbs. 60 cts., 25 lbs. $2.50.

Flowers of Sulphur. For mildew on plants. Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 55 cts., 100 lbs. $4.50.

Getz-There Soap. An infallible remedy for plant lice, scale insects, mealy bug, red spider, black and white fly, black and green aphis and other pests in the greenhouse, and also for many pests that infect the garden and orchard. Per gallon can $1.

Gishurst's Compound. For green, brown and black fly, mildew, thrip, mealy bug and scale. Box 60 cts.

Grape Dust. For mildew, mold and rust. Lb. 10 cts., 5 lbs. 35c.

Hellebore, Powdered White. For rose-slugs, currant worms, etc. Lb. 25 cts., 5 lbs. $1.

Kerosene Emulsion. If thrown over tent, or hairy caterpillars in a fine stream with some force it breaks the web and destroys the caterpillars. Dilute 1 qt. to 6 gals. of water. Qt. 40 cts., ½gal. 60 cts., gal. $1, 5 gals. $4.50.

London Purple. Highest grade. Used for killing potato bugs. Lb. 25 cts.

Lemon Oil. Destroys mealy bugs, scale, thrips, etc. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2.

Nico-Fume. For fumigating. Strips of paper strongly saturated with nicotine. Cans of 24 sheets 75 cts., 1 gross of sheets $3.50, 288 sheets $6.50.

Nico-Fume Liquid. For spraying and vaporizing. ¼pt. 50 cts., pt. $1.50, qt. $2.90, ½gal. $5.50, gal. $10.50.

Nicoticide fumigating compound. ½pt. $1.25, pt. $2.50, qt. $4.50. Vaporizing apparatus, 50 cts.

Nikoteen. Contains 40 per cent nicotine; 1 pint contains as much nicotine as 200 pounds of tobacco stems. Pt. $1.50, 5 pts. $7.

Paris Green, Pure. In boxes, lb. 40 cts.

Persian Insect Powder. Non-poisonous. A superior grade. Kills all kinds of insects on plants in the garden and in the house. ¼lb. 15 cts., lb. 50 cts.

Potato Scab Destroyer. To control the scab, treat the potato before planting—mix 1 pint with 15 gallons of water, soak the potatoes in the fluid about two hours, then dry them well before planting. One pint is sufficient for 20 bushels of potatoes. Pt. 30 cts., doz. $3.

Rose Bug Exterminator. A positive killer of all insect life on flowers, shrubbery and vines, which is absolutely harmless to the most delicate plants or flowers. Also cleanses and beautifies the foliage. ¼pt. 40 cts., ½pt. 75 cts., pt. $1.25, qt. $2.25, gal. $8.

Scale Destroyer kills scales, larvæ, insect eggs and all kinds of insects. Dilute 1 quart with 25 quarts of water, 1 quart with 30 quarts and 1 quart with 40 quarts respectively for winter, spring or fall and summer treatment. Qt. 35 cts., 2 qts. 65 cts., gal. $1, 5 gals. $3.75.

Slug-Shot. This non-poisonous powder requires no further mixing or preparing. It is very effectual in destroying potato bugs, and bugs, beetles, green and black fly, slugs, worms, caterpillars, etc. Pkg. 10 cts., 1-lb. cartons 15c., 5 lbs. 30c., 10 lbs. 50c., 100 lbs. $4.25.

Tobacco Extract, Rose Leaf. Very strong and is specially prepared for evaporation; it is sure death to insects. If house is heated by hot water, the extract can be put on the pipes. ½pt. 20c., pt. 30 cts., qt. 50 cts., gal. $1.25, 5 gals. $4.25.

Tobacco Soap Sulpho. Kills all insect life in the window garden or conservatory. Unsurpassed for roses; also valuable exterminator of moths, cockroaches and carpet bugs. A superior wash for dogs and other animals. Relieves horses and cows from the torment of flies, prevents poultry lice. 3-oz. pkg. 10 cts., by mail 13 cts.; 8-oz. pkg. 20 cts., lb. 35 cts., by mail 50 cts.

Tobacco Soap, Pinner's. A very potent specific for insects, parasites and their eggs. May be used either for plants or animals. Lb. 35 cts., 5 lbs. $1.50.

Tobacco Stems. For fumigating. Fresh baled. Bale of about 300 lbs. $2.25.

Tobacco Dust, Fine. The most effective and cheapest remedy for the flea on cabbage, radish, etc. Pkg. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.50.

Tobacco Dust, Coarse. Coarse grade for fumigating. 5 lbs. 30 cts., 10 lbs. 50 cts., 50 lbs. $2, 100 lbs. $3.50.

Tree Tangle Foot. Protects trees from canker worms, cutworms, ants, tussock moths and all climbing insects. It will not injure trees and when applied remains sticky for three months. Apply it thoroughly around the trunk of the tree just before the lower limbs in a band of 6 to 8 inches in width. Most effective if applied early in March. Lb. can 30 cts., 3 lbs. 85 cts., 10 lbs. $2.65, 20 lbs. $4.80.

Whale-Oil Soap. For destroying and preventing insects on plants, trees, vines, etc. Very easily applied and very effective. Lb. 15 cts., postpaid 30 cts.; 2 lbs. 25 cts., 5 lbs. 50 cts.

Weed-Killer, Target Brand. Dilute 1 gallon with 49 gallons of water. Qt. 45 cts., 2 qts. 65 cts., gal. $1, 5 gals. $4.50, 10 gals. $8.50, 25 gals. $18.75, bbl. of 50 gals. $35.

Reade's Electric Worm Eradicator. For removing worms from greenhouses, lawns, flower pots, vases, etc., without damage to the plants. Bottle 50 cts. and $1.

Wilson's Plant Oil. An insecticide for use on palms and other house plants. Dilute 1 quart with 4 quarts of lukewarm water. Pt. 40 cts., qt. 75 cts., gal. $2.

FERTILIZERS (Prices variable) Fertilizers sold for spot cash only

Beckert's Odorless Lawn and Garden Fertilizer. A clean high-grade fertilizer, especially prepared for us. Produces a rapid rich green growth of grass. 10 lbs. 45 cts., 25 lbs. 90 cts., 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.75, 1,000 lbs. $22.50, 1,500 lbs. $33, ton $43.

Bon Arbor. Contains more soluble plant food than any other fertilizer and its merits have been widely tested and proven by numerous expert gardeners. ½lb. can 20 cts., by mail 30 cts.; per lb. can 35 cts., by mail 50c., per 5-lb. can $1.50, 25 lbs. $6.50, 50 lbs. $12.50.

Bowker's Plant-food for pot-plants. Pkg. 15 cts., postpaid 25c.

Button Bone for preparing soil for roses, grape-vines, trees, small fruits, etc. 10 lbs. 40 cts., 100 lbs. $2.50, 200 lbs. $4.50.

Clay's Fertilizer. For all horticultural purposes. Very effective if used with potting soil or in soil of benches, planted with flowering plants or for the cultivation of flowers, fruits and vegetables, for exhibition purposes where the very best possible results are desired. 7-lb. bag 75 cts., 14-lb. bag $1.25, 28-lb. bag $2.25, 56-lb. bag $3.75, 112-lb. bag $6.75.

Canada Unleached Hardwood Ashes. Fine for lawns or orchards. Sack of 100 lbs. $1.30, 400 lbs. $4.75, 1,000 lbs. $11, ton $20. No smaller parcel sold than sack of 100 lbs.

Cocoa Fiber. Stimulates a strong fibrous growth. Bbl. $2.50.

Crescent Butcher's Ground Bone. 500 lbs. $7.50, 1,000 lbs. $14, ton $27.

Fames' Fertilizer (Imported). Swift, safe and sure. The most scientific plant-food extant; contains all the elements essential to promoting a healthy and vigorous growth in a natural and carefully balanced form, which will not unduly stimulate one part of the plant at the expense of another. 7-lb. bag 75 cts., 14-lb. bag $1.25, 28-lb. $2.25, 56 lb. bag $3.75, 112-lb. bag $6.75.

Horn Shavings. A fertilizer specially adapted for roses, chrysanthemums, etc. Fine grade, 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.

Ichthemic Guano (Imported). Yields to the soil the exact elements required by the plant in well-balanced proportions. Suitable alike for vegetables, flowers and fruits. 7-lb. bag 75 cts., 14-lb. bag $1.25, 28-lb. bag $2.25, 56-lb. bag $3.75, 112-lb. bag $6.75.

Leaf-Mold. For mixing with potting soil. Bbl. $1.90.

Live Sphagnum Moss. For orchids. Bbl. $3.50.

Nitrate of Soda. 100- and 200-pound sacks and upward, write for prices.

Orchid Peat, Epps, English. Sack, $4.50.

Orchid Peat, Fibrous. For orchids. Bbl. $2.

Peat, Jersey. For mixing with potting soil. Bbl. $1.90.

Pure Raw Bone Meal, No. 1 Grade. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.30, 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9.25, 1,000 lbs. $17.50, ton $33.

Pure Raw Bone Meal, No. 2 Grade. 100 lbs. $1.75, 200 lbs. $3.30, 500 lbs. $8, 1,000 lbs. $15.50, ton $30.

Pure Raw Bone Flour. Same as No. 1, but fine as dust, acts quickly and is fine for florists' work. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 85 cts., 50 lbs. $1.50, 100 lbs. $2.75, 200 lbs. $5.25.

Phosphate, Keystone Brand. 100 lbs. $1.40, 200 lbs. $2.70, 500 lbs. $6.50, 1,000 lbs. $12.50, ton $24.

Potato and Corn Fertilizer. 100 lbs. $1.60, 200 lbs. $3.10, 500 lbs. $7.50, 1,000 lbs. $14.50, ton $28.

Peruvian Guano. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. 85 cts., 50 lbs. $1.55, 100 lbs. $2.90, 200 lbs. $5.30, 500 lbs. $12 75, 1,000 lbs. $24.50, ton $47.

Scotch Soft Coal Soot stimulates luxuriance of growth and gives darkness and brilliancy to foliage and flowers. 100 lbs. $5.

Sheep Manure. A most excellent stimulant, promoting a strong, healthy and rapid growth. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 70c., 50 lbs. $1.25, 100 lbs. $2, 500 lbs. $9.25, 1,000 lbs. $18, ton $35.

Special Chrysanthemum Manure, (Thompson's). The Vine. Vegetable and Plant manure is adapted for mixing with the soil when potting chrysanthemums and other plants. This special manure is meant to be used as an additional stimulant during the growing season. A heaped dessert spoonful is sufficient for a plant in 10-in. pot. Sprinkle on surface of soil then watering with tepid water. Apply three times during growing season. 7-lb. bag $1.25, 14-lb. bag $2.25, 28-lb. bag $4, 56-lb. bag $7.

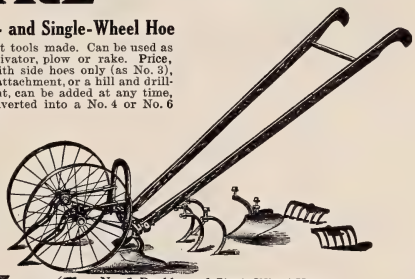
Vine, Plant and Vegetable Manure. For fruit-bearing plants. 7-lb. bag 75 cts., 14-lb. bag $1.25, 28-lb. bag $2.25, 56-lb. bag $3.75, 112-lb. bag $6.75.

DOUBLE AND SINGLE WHEEL HOES *IRON AGE* HILL AND DRILL SEEDERS

No. 6

No. 1 Double- and Single-Wheel Hoe

One of the best tools made. Can be used as single-wheel cultivator, plow or rake. Price, complete, $7. With side hoes only (as No. 3), $4.25. A seeder attachment, or a hill and drill-seeder attachment, can be added at any time, and the tool converted into a No. 4 or No. 6 combined seeder.



No. 1 Double- and Single-Wheel Hoe

No. 6 Combined Double- or Single-Wheel Hoe, Hill and Drill Seeder

Ease of adjustment and operation, lightness with strength and accuracy in hilling or drilling the seed are valuable features of this combination tool. Ten tools in one, and each one as satisfactory as a tool made for the special purpose. Places the seed in continuous rows or in hills 4, 6, 8,12 or 24 inches apart. Price, complete, as in cut, $12. The double-wheel hoe form of this tool is shown in our No. 1.

No. 15 Combined Single-Wheel Hoe, Hill and Drill Seeder

Very similar to our No. 6, as above, excepting it is used only as a single-wheel. Price, complete, $11. The No. 17 Iron Age (similar to this, but sows only in continuous rows), $10. No. 16 Iron Age Hill and Drill Seeder (as a seeder only), $8.50.

No. 4 Combined Double-Wheel Hoe and Drill Seeder

No. 18 Drill Seeder

This tool possesses all the qualities of a plain, continuous row seeder, and is the lowest-priced Iron Age Drill made. Price, $7.50.

No. 18

No. 15 Combined Single-Wheel Hoe, Hill and Drill Seeder

No. 4 Combined Double-Wheel Hoe and Drill Seeder

What is said of No. 6 is largely applicable to this tool, except that it does not sow in hills. As a double- or single-wheel hoe, plow, cultivator or rake, it is identical. Price, complete, $11. As a drill seeder only (No. 5), $8.

No. 20 Single-Wheel Hoe

A most complete single-wheel tool. One pair side shoes, three cultivator teeth, one pair of rakes and a plow are furnished. Price, complete, $6. With plain hoes only (as No. 21), $4. Can be used as a seed drill at any time by adding the seeder attachment.

No. 20

The New Model Seed Drill

"New Model" Seed Drill

has been in use for many years, and is well-known to be truly a model for satisfactory work. The wheel is large and broad; index plain and reliable, and all is first-class. Price, $8.

Iron Age Combined Barrel Truck, Hand Cart and Leaf Rack

Barrel can be easily detached from truck. Truck and trunnions, with 1½-inch wheel, $7; 2½-inch wheel, $7.75; 3½-inch wheel, $8.50; Extra for barrel, $3; box to fit on truck, $3.25; leaf rack to fit on truck, $5.50; sprinkler attachment, $3.50.

Iron Age Barrel Truck, Hand Cart and Leaf Rack

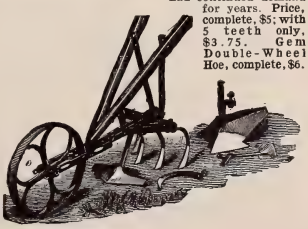
No. 12

No. 12 Wheel Plow and Cultivator

Remarkable for its exceeding lightness, great strength and variety of work it will accomplish. Price, complete, $3.50. With landside plow only (as No. 11), $2.50.

The Gem Single-Wheel Hoe

Can be used also as plow or cultivator; has had continued demand for years. Price, complete, $5; with 5 teeth only, $3.75. Gem Double-Wheel Hoe, complete, $6.



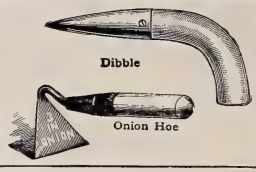
Gem Single-Wheel Hoe

Ask for 1910 Iron Age Catalogue. The best and most complete line of farm and garden implements manufactured.

Sulphur Blower

Bellows

Asparagus Knife


Dibble

Onion Hoe

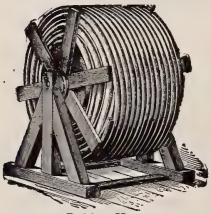
Plant Tub

Carnation Support

Dock Cutter

Garden Reel

Fumigator


Rubber Hose

Budding Knives

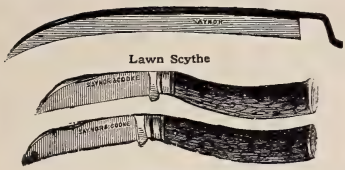
Grass Hook

Dandelion Puller

Miscellaneous Supplies

	Each
Aprons, Gardeners', Rubber	$2 00
Oil	1 00
Asparagus Knives, American	35
Asparagus Buncher, Acme. No. 1 for 3- to 3½-inch bunches	2 00
No. 2 for 4- to 5-inch bunches	2 00
Bellows, Woodason's—	
Double Cone Powder	3 00
Single Cone Powder, large	2 00
Smaller size	1 25
Liquid Spraying, large	2 00
Smaller size	1 40
Sulphur Bellows	1 50
Bill Hooks, English	1 25
Carnation Supports 2 and 3 rings, doz. 45 cts. and 55 cts.; per 100, $3.15 and $3.50.	
Corn Knives. For cutting down corn stalks	45
Dandelion and Plantain Puller, Bateman	35
Dandelion Puller, long handle	25
Dibble, Wooden Handle. Steel points, 35c. and	40
All Iron	40
Dock and Thistle Cutter	75
Dock Lifter, The Tyson	75
Duster for Slug-Shot 2 qts. 25 cts., 4 qts.	35
Forks, Weeding, Saynor's Long Handle	95
Saynor's Short Handle 60 cts. and	70
American	25
Fumigators. For fumigating greenhouses—Nos. 1, 2, 3 and 4, holding ½, 1, 2, 3 pks., $1.50, $2, $2.50 and	3 25
Garden Line, Italian Hemp. Extra quality Per 25 ft. 20 cts., 50 ft. 35 cts., 100 ft., 60 cts., 200 ft. $1.10.	
Garden Line. White, glazed. Per 50 ft. 30c., 100 ft. 50 cts., 200 ft. 90c.	
Garden Line Reels, with stake..8-in. $1, 10-in.	1 50
Glass Clamps. For supporting broken glass. Per doz. 60 cts., per 25 $1.	
Glazing Points, Peerless. Nos. 2 and 2½ Per 1,000 60 cts., by mail, 75 cts.	
Siebert's. ⅝- and ⅞-in. Per lb. 50 cts., by mail, 65 cts.	
Glazing Point Pincers. To apply above 45 cts., by mail,	60
Gloves, Goatskin. For handling thorny plants.	1 25
Grafting Wax. ¼lb. 10c., ½lb. 15c., lb. 25c.	
Grass Edging Knives, Saynor's. 8-in. $1.25, 9-in.	1 40
American. 9-in.	70
Grass Hooks, Pearce's. Imported. Riveted back	50
German	30
Handles. Of tough, clean, second-growth ash. 8-ft. 40 cts., 10 ft. 50 cts.. 12 ft.	70
Hoe. 4½-ft.	15
Rake. 6-ft.	20
Hanging Baskets. Galvanized wire. 10-in. 20 cts., doz. $2.25; 12-in. 25 cts., doz. $2.50; 16-in. 40 cts., doz. $4.50; 18-in., heavy, 70 cts., doz. $8.	
Hoes, Bateman 5½- and 6½-in. blades, $1.10 and	1 20
Scuffle, Saynor's. 4-, 6- and 8-in. blades, 45 cts., 60 cts. and	70
Thinning. 4¼-in. blades, 18-in. handles	35
Garden. Long handle, 2-prong	40
Warren	70
Draw or Field. Socket handle	60
Prong or Potato	75
Hilton 60 cts. and	70

	Each
Hose Nozzle, Daisy. Spray or solid stream	$0 50
Hose, Rubber, Best Grade. In 50-foot lengths, including couplings, ¾-in. $8.75; ⅝-in. 50-foot lengths	8 00
Electric. ¾-in. 50 ft. $10.50.	
Hose Menders, Brass. ½-, ¾- and 1-in. per doz. $1, by mail, $1.10	10
Hotbed Sash. Shipped direct to purchaser from factory, purchaser paying freight charges. Safe delivery guaranteed. Sash 3 feet wide by 6 feet long. Of cypress. 1⅜ inch thick; 45 lighted; 9 to a row; glazed and puttied	2 90
Hotbed Mats, Burlap. 40 x 76 doz. $12	1 10
Burlap. 76 x 76 doz. $15.50	1 40
Waterproof. With waterproof duck on one side. 40 x 76 doz. $15.75	1 35
76 x 76 doz. $21	1 75
Hyacinth Glasses doz. $1.75	20
Immortelles. Red, pink, blue, white, yellow and purple. Bunch 35c., doz. $3.50.	
Knives, Budding, American	74
Budding, Saynor's. One blade, round or straight point	1 50
Pruning, Saynor's 3-, 3¼, 3½-in.	1 50
Pruning, American	1 00
Labels. Painted wooden pots— 100 / 1,000	
4-inch $0 15	$0 95
5-inch 20	1 30
6-inch 25	1 50
8-inch 40	3 25
Labels, Garden. 8-inch; 1¼ in. wide.	50
10 inch; 1¼ in. wide	65
12-inch; 1¼ in. wide	80
14-inch; 1½ in. wide	1 75
16-inch; 1½ in. wide	2 00
Tree. Painted: copper wired. 3½-inch	25 1 75
Zinc. For pots. 6-in. doz. 15c.	1 00
For trees and shrubs, wired doz. 10 cts.	75
Lawn Sprinkler, The Comet. A perfect distributor of water. With high pressure it will distribute water over an area of 50 feet	Each $5 00
The California	1 75
Lawn Trimmer and Edger, The Capitol. Trims edges of lawns with speed and perfection	6 00
Mastica. An improved putty gal. $1.30	
Mastica Machine. For applying	1 30
Mole Trap, Out-of-Sight	75
Reddick	1 00
English. For hotbeds	40
Moss, Green Log. Sq. yd., 40 cts.; bbl. $3	
Sphagnum, Dried bbl. $1.50	
Orchid Baskets. Square wood. 6-, 8-, 10- and 12-in.; 35c., 45c., 55c. and 70c. each, $4, $5, $6 and $7 per doz.	
Paper, Tissue Ream, 70 cts.	
Waxed Ream, $1.75	
Pencils, Indelible, Wolf's. For writing on labels	10
Plant-Protecting Cloth. Medium weight Bolt of 60 yards, $5	
Powder Gun, Champion	7 50
Little Giant	5 50
Floradora	25
Jumbo	20
Cyclone	10



Lawn Scythe

Pruning Knives

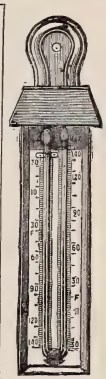
Wheel Spring Pruning Shears

Solid Steel Trowel

Flower Pots

	Each
Plant Tubs. The demand for small-sized tubs has induced us to add them to our list. Made of red cedar with galvanized hoops.	
A. 8 in. diam., 9 in. deep	$0 45
B. 11 in. diam., 9 in. deep	60
C. 11 in. diam., 12 in. deep	70
D. 12 in. diam., 12 in. deep	90
Union. Made of ⅞-inch cypress, light, neat, durable; painted green—	
Outside diam. Depth	
No. 1 ..... 13¼ inch ..... 12 inch	1 10
No. 2 ..... 14⅝ " ..... 14 "	1 40
No. 3 ..... 16 " ..... 16 "	1 60
No. 4 ..... 19 " ..... 18 "	2 15
No. 5 ..... 21 " ..... 20 "	3 25
No. 6 ..... 25 " ..... 22 "	4 25
White Cedar. Painted green, hoops, handles and leg casting painted black; the best tub made—	
No. 8. 12 in. diam., 10 in. high	1 75
No. 7. 13 in. diam., 11 in. high	2 00
No. 6. 14 in. diam., 12 in. high	2 25
No. 5. 16 in diam., 14 in. high	2 75
No. 4. 18 in. diam., 16 in. high	3 00
No. 3. 21 in. diam., 18 in. high	3 75
No. 2. 23 in. diam., 20 in. high	4 25
No. 1. 25 in. diam., 22 in. high	4 75
No. 0. 27 in. diam., 24 in. high	5 25
Pot Hangers. For 5- to 8-inch pots, 5 cts. each, 50 cts. per doz.; for 8- to 12-inch pots, 6 cts. each, 70 cts. per doz.	
Pruning Tree Hook and Saw, Little Giant. Light and very strong. The saw can be detached when not required—	
Hook and saw without pole	1 50
Hook only	1 00
Saw and Chisel, without pole	1 00
Putty Bulbs. For applying mastica and putty. By mail, $1.10	1 00
Putty, Twemlow's English ..... Gal. $1.35	
Raffia. For tying ..... Lb. 25c., 5 lbs. $1	
Rake, Lawn, the Gibb	45
Rakes, Daisy. English. For removing dandelions and other weeds from the lawn. Made of best steel, 16 teeth $2.50, 20 teeth	3 00
Automatic. Self-cleaning	
22-, 26-, 38- and 50-teeth, 60c., 70c., $1 and	1 50
The Ole Oleson. Curved. Does not tear the grass	50
Wooden. Ordinary	25
Steel ..12-, 14- and 16-toothed, 50c., 60c. to	75
Saws, Pruning, Saynor's	
16- and 18-inch blades, $1 50 and	1 75
Tree Pruning, with socket. Saynor's. No handle; 16-inch, $1.25; 18-inch	1 50
Pruning, American ..... 14-, 16-, 18-, 20- and 24-inch, 60c., 70c., 80c., $1 and	1 25
Scissors, Bow Pruning. 4½-in	80
Vine. 7-in	1 25
Scythes, Lawn. 30- and 36-in. blades, $1.25 and	1 50
Scythe-Stones, Welch Talacre ...2 for 25 cts.	15
Seed Sower, Broadcast, Cahoon	3 25
Eureka. For sowing in hotbeds	1 00
Shears, English Hedge. With pruning notch. 8-in. blade, $1.50; 9-in., $1.75; 10-in.,	2 00
Grass Border	
8-in. blade, $2.25; 9-in., $2.50; 10-in.	2 75
Grass Border, Saynor's, with wheel. 9-in. blade	2 75
Lawn, with two wheels. Imported..10-in..	2 75

	Each
Shears, Lopping. Imported	
2½-, 3- and 4-in. blade, $2, $2.25 and $2	50
Lopping, Saynor's	
27-in. handles, $2.15; 31-in.,	2 65
Sheep or Grass. Imported. With inside spring. 7-in	1 25
Single spring. 7-in	60
Sheep or Grass, Saynor's. Bowspring	1 35
Pruning. Wheel spring. Ladies'; 6½-in.,	1 25
Pruning. Wheel spring	
7-, 8-, 8¼- and 9-in., $1.15, $1.25, $1.50,	1 75
Pruning, Montreuil. French, 8 inches	2 75
Pruning, Aubert. French, 8½ inches	2 50
Tree-Pruning. Pole....4 ft. 75c., 6 ft. 85c., 8 ft. $1, 10 ft. $1.15 and 12 ft.	1 25
Sieves. Heavy. 18-in.; ⅛- to ¾-in. mesh	75
Silkaline. For stringing smilax Spool 25 cts., lb. $1.50	
Spades, Steel	95
Spades, Tree Digging	3 00
Spading Forks. 4 tines	95
Sprayer, The Admiral. For spraying trees	3 50
Vaporizing. For pot-plants and shrubbery Tin, 75 cts.; brass,	1 00
Boston. Pittsburg gage	75
Standard gauge	60
Sprinkler, Rubber. By mail, $1.10	1 00
Stakes, Cane. Can be cut in lengths to suit.	
4- to 6-ft. lengths, per 100 70 cts.; bundle of 250 $1.25, 1,000 $4.50.	
6- to 9-ft. lengths, per 100 $1; bundle of 250 $2, 1,000 $7.75.	
9- to 12-ft. lengths, per 100, $1.50; extra-heavy.	
Wooden, Round Tapering. Painted green—	Doz. / 100
1½ feet	$0 17 / $1 00
2 feet	30 / 1 75
2½ feet	40 / 2 50
3 feet	52 / 3 35
3½ feet	65 / 4 20
4 feet	80 / 5 45
5 feet	90 / 6 10
Heavy Dahlia. Painted green—	
3 feet	80 / 5 00
3½ feet	90 / 5 95
4 feet	1 15 / 7 00
5 feet	1 30 / 8 65
6 feet	1 60 / 10 60
Galvanized. No. 9 wire—	
2 feet	60
2½ feet	75
3 feet	90
3½ feet	1 10
4 feet	1 25
4½ ft.	1 35
5 feet	1 50
Syringes, Brass, Saynor's—	Each
No. 00, 12 in. barrel, 1½ in. diam.; 1 jet, 1 spray	$2 00
No. 1½, 16-in. barrel, 1¼ in. diam.; 1 jet 2 sprays	4 50
No. 9, 18-in. barrel, 1¼ in. diam.; 1 jet, 1 spray	4 00
No. 3, Ball Valves, 18-in. barrel, 1½ in. diam.; 1 jet, 2 sprays	5 75
No. 5, Knuckle Joint, 16½-in. barrel, 1½ in. diam.; 1 jet, 2 sprays	7 25
Thermometers, Greenhouse, Tested	50
Self-Registering. Register heat and cold	3 00
Hotbed or Mushroom	1 50
Tin Foil. For wrapping ..... Lb. 15c.	



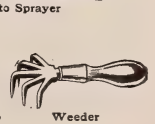
Self-Registering Thermometer

Tree Saw and Hook Combined

Whetstone

Auto Sprayer

Daisy Force Pump



Weeder

	Each
Tomato Supports. 20c. each, $2 per doz., $14 per 100.	
Tooth Picks. For stemming.....Box,	$0 10
Torch, Asbestos. For burning caterpillars on trees	35
Tree Scraper. Three-edged	30
Trowels, Transplanting	40
Angle. 5-, 7- and 8-in. blades, 10c., 15c.	20
Forged Steel. Blade and shank one piece.....6-in.	40
Sheet Steel. Blade and shank one piece.....6-in.	25
Turfing Spade. For lifting sod	4 00
Twine, Green. For tying. Ball, 10c., lb. 60c.	
Twine, White Cotton. For tying. Ball 10 cts., lb. 45 cts.	
Vine Cutters. Long handles. 40 cts. each.	
Watering Cans. Heavy galvanized iron, with 2 copper sprays. 6-, 8-, 10-, 12-qt., $1.80, $2.10, $2.30 and $2.75 each. Extra sprays 25 cts. each. **Low.** For greenhouses. 4-qt. $1.50.	

Weeders—

	Each		Each
Lang's	$0 25	**The Easy**	$0 35
Hazeltine	25	**Onion**	30
Excelsior	10	**Michigan Beet**	35
Eureka	25		

Wheelbarrows, Garden. No. 3. Bins 26 inches long, 19 inches front width, 22 inches back, 12 inches sides, 3-in. tire. $4.50.

Wire, Annealed. Florists' stemming, cut in 12- and 18-in. lengths, box of 12 lbs. No. 19, $1.20; No. 21, $1.25; No. 23, $1.35.

Pumps and Sprayers

Perfect Barrel Spray. Has brass upper and brass-lined lower cylinder, all-brass plunger, brass check valve, brass valve seat, and fitted with agitator. The best spray barrel pump ever offered; single-acting in the suction and double-acting in discharge. Discharges half the water on the up stroke and half on the down.

No. 311, with 1-inch suction pipe, strainer, 5 feet of ½-inch discharge hose, graduated Vermorel nozzle, and either jet or dasher agitator (state which). Each, $10.50.

No. 312, with 1-inch suction pipe, strainer, two leads of ½-inch discharge hose, two graduated Vermorel nozzles, and either jet or dasher agitator (state which). Each, $11.50.

Little Giant Spray. Brass. The labor of pumping is all done on the down stroke of the piston and nothing on the up stroke. The foot-rest steadies the pump, holding it in position. Each, $3.75.

Daisy Force. Cheap and effective. Will throw a steady stream 40 to 50 feet. Each, $1.

The Auto Sprayer. Eight to ten strokes of plunger in air-chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the sprayer can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes. The sprayer is light and, being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old-style sprayers. Made of brass, with stop cock, $6.75, with Auto Pop, $7.65; of galvanized steel, with stop-cock, $4.50, with Auto Pop, $5.40. Extension pipes, 2 ft. lengths, brass, 45 cts.; steel, 30 cts.

The Kinney. For applying liquid manure; it will apply from 5 to 15 gallons per minute. Screw the pump on to the faucet, put the end of the suction pipe into your barrel or tank of liquid manure, attach the discharge hose and open up your faucet. The pump is also used for spraying and for tempering water. Made out of brass and will last for years. $2, by mail $2.15.

The Paragon Sprayer. For whitewashing, water painting, disinfecting, spraying trees, vines, and many other purposes.
No. 1 Sprayer, holds 5 gallons. $10.
No. 3 Sprayer, holds 12 gallons. $15.
No. 5 Sprayer, holds 30 gallons, mainly for trees. $25.

Flower Pots, Saucers, Etc.

Standard Flower Pots. When shipped direct to the purchaser from the factory, in quantities of 100 to 1,000 of a size, we allow 10 per cent discount from these prices.

	Each	Doz.	100	1,000
1¾ in.		$0 07	$0 50	$4 40
2 in.		08	55	4 80
2¼ in.		09	65	5 60
2½ in.		10	65	6 40
3 in.		14	95	8 50
3½ in.		17	1 20	10 65
4 in.	$0 02	19	1 35	12 05
4½ in.	02	23	1 70	14 90
5 in.	04	32	2 25	19 90
6 in.	06	50	3 60	31 90
7 in.	08	90	6 10	
8 in.	12	1 25	8 65	
9 in.	15	1 65	12 10	
10 in.	25	2 20	16 15	
11 in.	35	3 25		
12 in.	45	4 50		
13½ in.	65	6 35		
15 in.	85	9 00		
16 in.	1 50			
18 in.	2 25			

Lawn Mower

Azalea and Bulb Pots—

Width—Depth	Each	Doz.	100
5 x 4 in.	$0 05	$0 40	$2 80
6 x 4½ in.	06	60	4 40
7 x 5 in.	08	85	6 05
8 x 5½ in.	11	1 10	8 55
9 x 6 in.	15	1 65	12 10
10 x 6½ in.	25	2 20	16 15
11 x 7½ in.	30	2 65	
12 x 8 in.	35	3 80	
13½ x 8½ in.	45	4 90	
15 x 8½ in.	70	6 50	

Fern and Seed Pots—

Width—Depth	Each	Doz.	100
5 x 3¼ in.	$0 05	$0 40	$2 80
6 x 3¼ in.	06	60	4 40
7 x 3¾ in.	08	85	6 (5
8 x 3½ in.	11	1 10	8 55
9 x 3½ in.	15	1 65	12 10
10 x 3½ in.	20	2 00	14 75
11 x 3¾ in.	30	2 70	
12 x 4 in.	35	3 25	

Fern Dishes—

	Each	Doz.
5 in.	$0 06	$0 60
6 in.	07	70
7 in.	08	80
8 in.	10	1 00

Round Seed Pans—

	Each	Doz.
9 in.	$0 20	$1 50
12 in.	25	2 25

Orchid Pots—

	Each	Doz.
5 in.	$0 15	$1 35
6 in.	18	1 80
7 in.	25	2 25
8 in.	30	2 75
9 in.	35	3 65
10 in.	50	5 30
Flower Pot Saucers—4 in.	02	15
5 in.	02	18
6 in.	03	26
7 in.	04	40
8 in.	06	55
9 in.	07	70
10 in.	09	95
12 in.	14	1 40
13½ in.	28	2 90
15 in.	33	3 60
Wood Fiber Saucers—4 in.	09	95
5 in.	10	1 05
6 in.	11	1 10
7 in.	12	1 15
8 in.	13	1 25
9 in.	14	1 35
10 in.	15	1 45
12 in.	18	1 75
14 in.	20	2 25
16 in.	35	3 75
18 in.	40	4 60

Wood Fiber Roller Stands. Hardwood rollers and ball-bearing castors. Save carpets and floors. Will not soak or rust.

	Each
12 in. diameter for 10-in. pot	$0 60
14 in. diameter for 12-in. pot	70
16 in. diameter for 14-in. pot	90
18 in. diameter for 16-in. pot	1 00
20 in. diameter for 18-in. pot	1 10
22 in. diameter for 20-in. pot	1 35

Wood Fiber Vases for cut-flowers. Neat and durable.

	Inside diam.	Inside depth	Each
No. 0	8 inch	13 inch	$0 50
No. 1	5½ "	10 "	45
No. 2	4½ "	9 "	40
No. 3	4 "	6 "	35
No. 4	3 "	4½ "	30
No. 00	9 "	22 "	1 00
No. 11	5½ "	18 "	50
No. 22	4½ "	15 "	45
No. 33	4 "	12 "	40
No. 44	3 "	9 "	35
No. 000	0 "	29 "	1 75

Regal Lawn Mower

This is strictly a high-grade machine, unsurpassed in material, workmanship and finish; has large driving wheels (10 inches high), thus ensuring lightness of draft. 14-inch cut, $8.50; 16-inch, $9.50; 18-inch, $10.50; 20 inch, $11.50.

Imperial Lawn Mower

After careful consideration, we have decided upon offering the "Imperial" as our best Mower. The Mowers are used by the Government, and on the lawns of the leading public grounds throughout the country. Descriptive illustrated catalogue of these Mowers, including **Special Mowers for golf and large park lawns**, sent on application. **Prices,** 12-inch, low wheel, $7; 14-inch, high wheel, $8; 16-inch, high wheel, $9; 18-inch, high wheel, $10; 20-inch, high wheel, $11.

Geared Roller Mower

For Edging. 4 blades, 12-inch, $9.50, 14-inch $10, 16-inch $11.

For Gol Links. 6 blades. 12-inch $9.80, 14-inch $10.15, 16-inch $11.45, 18-inch $12.30, 20-inch $14.

New Comet Lawn Sprinkler

Combines the greatest possible capacity in a Lawn Sprinkler with the utmost adjustability and simplicity. Throws a fine spray from 5 to 25 feet in diameter, as desired. Can also be arranged to throw a spray from 60 to 75 feet, if water pressure is sufficient. $3.50.

Coldwell's Park Lawn Mower

Invaluable when the grass is unusually heavy or tough; sizes 14-, 16-, 18- and 20-inch. Price same as corresponding sizes of Imperial.

Coldwell's Horse Lawn Mower

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. These Mowers are furnished with shafts, seat and side-draft attachment, which keeps the horse on the cut grass only. Each Mower is warranted to give complete satisfaction. 30-inch cut $65, 35-inch cut $78, 40-inch cut $95.

Lawn Sweeper

The Pennsylvania. This Lawn Sweeper will do the work of three men, and will do it thoroughly. $16.

Apex Lawn Roller

	Diam.	Length	Sec.	Lbs.	Price
No. 1	15 in.	15 in.	2	150	$7 15
No. 2	15 in.	22 in.	3	200	9 40
No. 3	20 in.	16 in.	2	225	10 50
No. 4	20 in.	20 in.	2	250	11 60
No. 5	20 in.	20 in.	1	250	11 65
No. 6	20 in.	24 in.	3	300	13 90
No. 7	20 in.	24 in.	2	300	13 90
No. 8	20 in.	30 in.	3	350	16 15
No. 9	24 in.	20 in.	2	400	18 40
No. 10	24 in.	24 in.	2	450	20 60
No. 11	24 in.	24 in.	3	450	20 60
No. 12	24 in.	30 in.	3	500	22 90
No. 13	28 in.	24 in.	2	500	22 90
No. 14	28 in.	24 in.	3	500	22 90
No. 15	28 in.	30 in.	3	600	27 40
No. 16	28 in.	32 in.	4	650	29 65

Lawn Razor Blades, Rowe's. Will fit all lawn mowers—

For 14-, 16-, 18- and 20-in. hand lawn mowers, $1.

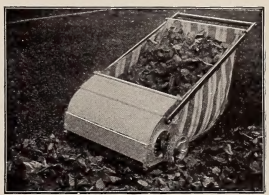
For 30-, 35-, 38- and 40-in. hand lawn mowers, $2.50.

Grass Catchers

12-inch $1.50, 14-inch $1.60, 16-inch $1.85, 18-inch $2, 20-inch $2.15.

Horse Lawn Boots

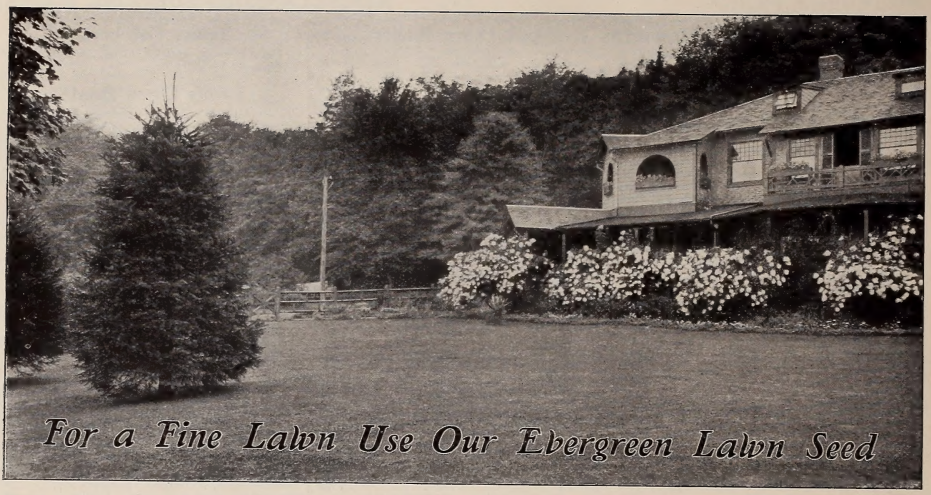
This boot is made of steel plates. Can be fitted to the foot of shod or unshod horses, and does not depend for its grip upon the heel, as other makes. $8.



Grass Catcher

Useful Books

Agriculture, A B C of. Weld $0 50
Agriculture, The Principles of. Bailey. 1 25
Alfalfa, The Book of. Coburn 2 00
American Horses and Horse-breeding. Dimon 3 50
Animal Breeding. Shaw 1 50
Apiary, Manual of the. Cook 1 25
Asparagus. Hexamer 50
Asparagus Culture. Barnes and Robinson 50
Barn Plans and Outbuildings 1 00
Bee Culture, A B C of. Root 1 25
Beekeeping explained. Quinby 1 00
Bean Culture. Sevey 50
Begonia Culture. Ravenscrowft 50
Breeds, Study of. Shaw 1 50
Broom Corn and Brooms 50
Bulbs and Tuberous-Rooted Plants. Allen 1 50
Bulbs, The Book of. Arnott 1 00
Bush Fruits. Card 1 50
Cabbage, Cauliflower and Allied Vegetables. Allen 50
Canary Birds. Revised edition 50
Cattle, American. Revised. Allen 2 50
Cattle Doctor. Dadd 2 00
Cauliflower, The. Crozier 1 00
Celery Culture. Beattie 50
Celery for Profit. Greiber 20
Cement Portland, For Users. Faija 1 20
Cereals in America. Hunt 1 75
Chemistry of the Farm. Warington 1 00
Chrysanthemum, The. Harrington 50
Chrysanthemum Manual. Smith 40
Cider-maker's Handbook. Trowbridge. 1 00
Clovers and How to Grow Them. Shaw 1 00
Concrete, Cement, Lime, Mortars, Plasters. Burnell 60
Coöperate, How to. Myrick 1 00
Corn, The Book of. Myrick 1 50
Corn Indian, Culture of. Plumb 1 00
Cow, Keeping One 1 00
Cows and Dairy Farming. Flint 2 00
Cranberries, Cape Cod. Paper. Webb. 40
Cranberry Culture. White 1 00
Crops, How They Feed. Johnson 1 50
Crops, How They Grow. Johnson 1 50
Diseases of Horses and Cattle. McIntosh 1 75
Diseases of Field and Garden Crops. Smith 1 50
Draining for Profit and Health. Waring 1 00
Draining Land. Miles 1 00
Duck Culture. Rankin 50
Earth, Plants and Man. Schouws 1 50
Entomology, Elements of. Eberhart ... 35
Egg Farm. Revised and enlarged. Stoddard $1 00
Electricity, The How and Why of. Childs 1 00
Farm Homes, Indoors and Outdoors. Leland 1 00
Farm, The: How it Pays. Henderson and Grazier 2 00
Farmstead, The. Roberts 1 25
Farm Conveniences 1 00
Farm Machinery and Motors. Davidson and Others 2 00
Feeds and Feeding. Henry 2 00
Feeding Farm Animals. Shaw 2 00
Fences, Gates and Bridges 50
Fertility of the Land, The. Roberts 1 25
Ferns and Fern Culture. Birkenhead.. 75
Fertilizer, Soil, First Principles. Vivian 1 00
Floriculture, Practical. Henderson 1 50
Flowers Old-Fashioned, The Book of. Roberts 1 00
Flowers, Fruits and Leaves. Lubbock.. 1 25
Flower Garden, The Beautiful. Mathews and Fewkes 40
Florists' Manual. Scott 5 00
Forest Planting and Care of Timber Lands. Jarchow 1 50
Forestry, Practical. Fuller 1 50
Forcing Book, The Vegetable. Bailey.. 1 25
Forage Crops, Other Than Grasses. Shaw 1 00
Forage and Fiber Crops in America. Hunt 1 75
Forestry, Practical. Gifford 1 20
Fruit Garden, The. Barry 1 50
Fruit Culturist, The American. Thomas 2 50
Fruit Growing, The Principles of. Bailey 1 25
Fruit Trees, Dwarf. Waugh 50
Fumigation Methods. Johnson 1 00
Fungi and Fungicides. Wood. Cloth, $1; paper.. 50
Garden The, How to Make it Pay. Greiner 2 00
Gardening for Pleasure. Enlarged edition. Henderson 1 50
Gardening for Profit. Enlarged edition. Henderson 1 50
Garden-Making. Bailey 1 00
Gardens, Rock and Water. Thouger ... 1 00
Grape Culturist. Fuller 1 50
Grafting and Budding, The Art of. Baltet 1 00
Grasses, Farm, of The U. S. Spillman 1 00
Grasses and Forage Plants. Flint 2 00
Greenhouse Construction. Taft 1 50
Greenhouse Management. Taft 1 50
Herbs, The Book of. Northcote $1 00
Horse Doctor, Modern. Dadd 1 00
Horse Keepers, Hints to. Herbert 1 50
Horticulture, Annals of. Bailey 75
Horticulturist's Rule Book. Bailey 75
Insects and Insecticides. Weed 1 50
Insects of the Farm and Garden, Injurious. Treat 1 50
Insects Injurious to Fruits. Saunder... 2 00
Insects Injurious to Vegetables. Chittenden 1 50
Landscape Gardening. Waugh 50
Lily, The Book of. Goldring 1 00
Manures, Talks on. Revised edition. Harris 1 50
Market Gardening and Farm Notes. Landreth 1 00
Market Gardening, The Book of. Castle 1 00
Nursery Book. Bailey. Cloth 1 50
Mushrooms—How to Grow Them. Falconer 1 00
Onion Culture, The New. Greiner 50
Peach Culture. Revised edition. Fulton 1 00
Pear Culture for Profit. Quinn 1 00
Plant Breeding. Bailey 1 00
Plants, Handbook of. New enlarged edition. Henderson 3 00
Plums and Plum Culture. Waugh 1 50
Pomology, Systematic. Waugh 1 00
Potato Culture, Sweet. Fitz 50
Potato, The. Fraser 75
Poultry Keeper, Practical. Wright 1 50
Poultry, Feeding and Fattening. Fiske. 50
Poultry, Making it Pay. Powell 1 00
Rhubarb Culture, The New 50
Rose, The: Its Cultivation, Varieties, etc. Ellwanger 1 25
Silos, Ensilage and Silage. Miles 50
Soil, Its Nature, Management, etc. King 75
Soils, Their Improvement, etc. Burket. 1 25
Spraying Crops. Weed 50
Spraying of Plants, The. Lodeman 1 00
Squash for Profit 50
Stock Raising, Key to Profitable. Myrick 25
Strawberry Culturist. Illustrated. Fuller 25
Tomato Culture. Tracey 50
Tomato Culture. Day, Cummings and Root 35
Tree Book, The. Jarvis 1 00
Vegetable Gardening. Green 1 25
Vineyard Culture. DuBreuil and Warder 2 00
Weeds, How to Eradicate. Shaw 75
Window and Parlor Gardening. Tousson and Rose 1 25



GOOD soil and proper drainage are absolutely necessary to produce a good lawn. There should be no less than one foot of good surface soil, heavy loam where possible. In light or sandy soil the grass has a tendency to burn out in hot, dry weather. Where it is necessary to grade the surface the subsoil should be removed and replaced with good earth.

Unless the soil is sufficiently rich apply a liberal quantity of well-rotted manure; dig or plow this in and incorporate with the soil. Rake or harrow the surface even, and after sowing the seed rake again lightly and firm the soil with a lawn-roller. Never attempt to dig, rake or roll a lawn when the ground is wet.

The best time to make a lawn is early in spring as soon as the ground is in good tillable condition, although very satisfactory results are obtained from lawns made during the summer and autumn.

When the young grass is from 3 to 4 inches high it should be mown, but not too short, as close cropping is injurious to a new lawn. Repeat the mowing at intervals of about ten days. After the lawn is once well established frequent rollings are beneficial, especially early in spring, after the soil and with it the roots of the grass have been drawn up by the winter's frost.

On banks and terraces, where the seed is liable to be washed off by rains before it has sprouted, a quick catch can be secured by mixing the seed with moist earth about one week before sowing; at the expiration of that time much of the seed is ready to sprout.

BECKERT'S EVERGREEN LAWN

Good seed is as necessary to make a lawn as the proper preparation of the ground. We have made many experiments to determine the grasses best adapted for lawn purposes, and the above mixture is composed of a combination in proper, proportions, of the best natural lawn grasses, so as to produce a continuous good lawn from early spring throughout the summer until late in fall.

The ingredients of this mixture are the highest grade of recleaned seeds only. The value of lawn grass seed can be best determined by its weight per measured bushel, the better the quality the heavier the weight. This Lawn Seed is sold by the standard bushel of 32 quarts (dry measure) and weighs 24 pounds per bushel.

Lawn Seeds are generally sold on a basis of 14 pounds to the bushel, which will invariably fall one-third or more short of actual measure if composed of choice clean seeds, and where a bushel of 14 pounds holds out in measure, it must of necessity be largely composed of light, chaffy matter of no value.

Use 1 qt. to 300 sq. ft., 4 to 5 bus. per acre. Qt. 20 cts., by mail 30 cts.; 2 qts. 35 cts., 3 qts. 50 cts., 4 qts. 60 cts., pk. $1.15, ½bus, $2.25, per measured bushel of 24 pounds, $4.50.

PUTTING GREEN MIXTURE

The very finest hardy low-growing grasses are contained in this mixture, producing a close and lasting green turf. Qt. 25 cts., pk. $1.35, bus. of 24 lbs. $5.

GOLF LINK MIXTURE

Composed of such grasses as will produce a turf suitable for golf links, cricket-tables or polo grounds. Qt. 20 cts., pk. 75 cts., bus. of 15 lbs. $2 50

SHADY NOOK LAWN MIXTURE

A mixture of grasses best adapted for sowing in shady places where other grasses will not thrive. In nearly all lawns where there are trees, there will be found bare, unsightly spots which can be made green and bright by using this mixture. Per measured bus. of 20 lbs., $6, ½bus. $3, pk. $1.75, qt. 25 cts., by mail, 35 cts.

LAWN FERTILIZERS

Stable manure should never be used as a top-dressing on a lawn, as it always contains large quantities of noxious weed seeds, and is objectionable on account of unsightliness and disagreeable odor.

BECKERT'S ODORLESS LAWN AND GARDEN FERTILIZER. A clean high-grade fertilizer, free from disagreeable odor, especially prepared for us. When applied to the lawn, it produces a rapid and rich green growth of grass and can be applied in the fall or spring. When used in the garden, it can be applied before or after planting, and during the growing season several additional applications at intervals will intensify its beneficial action. Apply about 10 lbs. to 300 square feet, or 1,500 lbs. per acre, more or less according to the conditions of the soil. 10 lbs. 45c., 25 lbs. 90c., 50 lbs. $1.50, 100 lbs. $2.50, 200 lbs. $4.80, 500 lbs. $11.75, 1,000 lbs. $22.50, 1,500 lbs. $33, ton $43.

CANADIAN UNLEACHED HARDWOOD ASHES. Unequaled as a fertilizer for lawns. Not alone acting as a stimulant, but supplies natural plant-food, permanently enriching the soil. Cheap, clean from weed seeds, and no offensive odor. Apply in the fall or early in spring, so that the rain may leach the ashes and carry the elements down to the roots of the grasses, producing a rapid and rich green growth. Apply 1,500 to 2,000 lbs. per acre. Per sack of 100 lbs. $1.30, per 400 lbs. $4.75, per 1,000 lbs. $11, per ton $20; no smaller parcels than sack lots.

PURE RAW BONE MEAL. Contains nothing but pure raw animal bone. Vastly superior to steamed bone. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.30, 100 lbs. $2.10, 200 lbs. $3.90, 500 lbs. $9.25, 1,000 lbs. $17.50, per ton $33.

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W. C. BECKERT

SEEDS

VEGETABLE

FLOWER

BULBS

PITTSBURG, PA.